



Competence in
Communication
Technologies

Product overview 2023/24



Legend

The labels and abbreviations used in this product overview have the following meanings:



New 2024

The article is newly listed in 2024.



Class A

The Class A symbol is marking products, which fulfil the requirements on shielding effectiveness and transfer impedance, which are specified in standard EN 50083-2, EN 50117 and EN 60966-2.



Class A + 10 dB

Products with a higher screening factor than required by the respective standard are marked with an addition to the Class A certification (in the example +10 dB)



4G protected

Higher shielding to protect against interference of LTE services



4G and 5G protected

Since 8/2022 our new, highly shielded products are marked 4/5G protected.



Vodafone Kabel Deutschland

Listed at „Vodafone Kabel Deutschland“ (You find the exact types in the lists of your cable network operator).

PU

Packing unit

High-speed networks for internet, TV and telephony



by axing group

HFC Broadband Solutions from AXING and DEV Systemtechnik provide low-cost, multi-gigabit-capable broadband network solutions from a single source – from signal supply to in-house delivery.

Strong team – strong performance

AXING and DEV have developed and implemented future-proof and competitive end-to-end solutions as an alternative to FTTH – for data, TV, radio and telephony, from signal supply to in-house distribution. We deliver not only the hardware, but also the matching software tools, remote monitoring options, as well as measuring and planning services. More Information can be found on a separate website: <https://hfc-broadbandsolutions.com/en/>

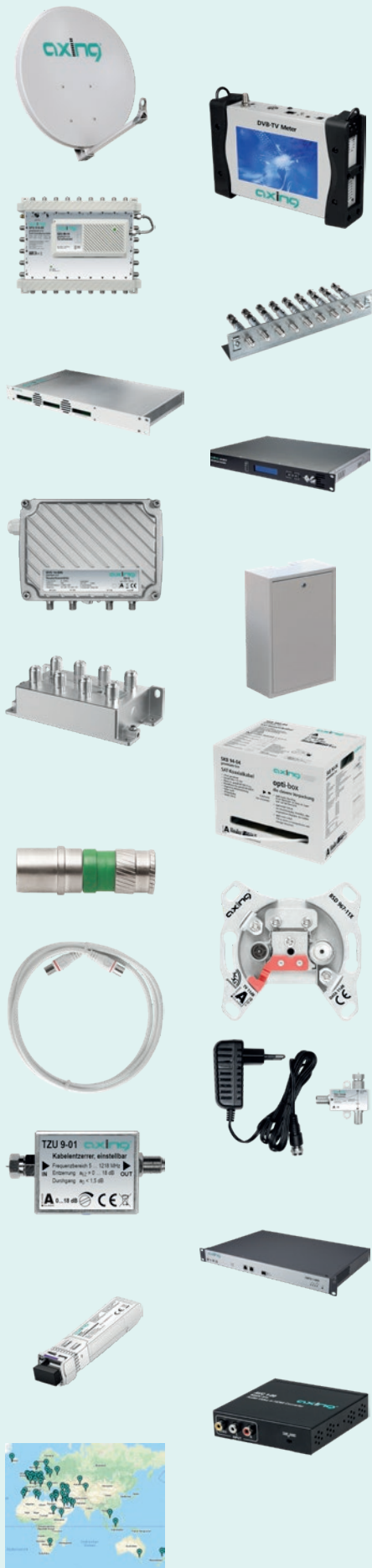


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BVS01469N	7611682008296	37	BAB01008	7611682000962	47
AIP00800	7611682009767	28	BAB01010	7611682000979	47
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AVM00300	7611682001716	72	BAB01016	7611682000993	47
AVM00600	7611682001693	72	BAB01018	7611682001006	47
BAB00106P	7611682005646	45	BAB01020	7611682001013	47
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BAB00112P	7611682005677	45	BAB02014	7611682001044	48
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BAB00601P	7611682005936	46	BSD00414N	7611682007336	58
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BSD02111	7611682002454	57	BVE04001	7611682240504	47
BSD02114	7611682002461	57	BVE06001	7611682240702	47
BSD02118	7611682002478	57	BVE08001	7611682240900	47
BSD02122	7611682002485	57	BVE20300	7611682242034	48
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BSD04000	7611682400052	58	BVS00201	7611682030020	39
BSD04008	7611682400069	58	BVS00265	7611682032024	39
BSD04008	7611682400069	60	BVS00301	7611682031034	39
BSD04011	7611682400076	58	BVS00365	7611682034035	39
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CFA00400	7611682280043	55	CMO00298R	7611682009873	69
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CFS10051	7611682002119	52	MAK15080	7611682001143	62
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CKK02100	7611682350210	53	MGZ00101	7611682007930	15
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MIE00802N	7611682008722	30	OAK00103	7611682006940	33
MIE01600N	7611682008739	29	OAK00104	7611682008586	71
MIE02400N	7611682400021	29	OAK00143	7611682008593	71
MIE03200N	7611682008746	29	OAK00502	7611682003536	36
MIE04800N	7611682400038	29	OAK00503	7611682006957	33
MIE10802N	7611682400090	31	OAK00504	7611682008609	71
MIE20802N	7611682400113	31	OAK01001	7611682002973	36
MIE43202N	7611682400151	32	OAK01002	7611682003550	36
MIE81602N	7611682400120	31	OAK01003	7611682006964	33
MIE83202N	7611682400175	32	OAK01004	7611682008616	71
MIE161602N	7611682400144	31	OAK02002	7611682003567	36
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MIM01600N	7611682008685	29	OAK10002	7611682003598	36
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MIP00800N	7611682009903	28	OAK50003	7611682006995	33
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MK00806I	7611682009965	24	ORX131000	7611682009941	34
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MK00826	7611682008517	25	OTX155010	7611682009774	34
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MK01606I	7611682009989	24	OVE00301	7611682003116	35
MKS00100	-	26	OVE00302	7611682003635	35
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MKS00102	-	26	OVE00401	7611682003123	35
MKS00102	-	28	OVE00402	7611682003642	35
MKS00102	-	30	OVE00403	7611682007022	33
MKS00102	-	32	OVE00801	7611682003130	35
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OZU00305	7611682007053	34	SAA08002	7611682006544	11
OZU00310	7611682007060	34	SAA08003	7611682006551	11
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QAS6065	7611682007619	42	SAB00112	7611682271126	49
QAS6085	7611682007626	42	SAB00116	7611682271164	49
QAS6010501	7611682004113	42	SAB00120	7611682271201	49
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QEW00550	7611682006421	22	SAK50100	7611682095012	64
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QEW00806	7611682006759	22	SCO00411	7611682007190	11
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QEW00906	7611682006681	23	SES521606	7611682007831	21
QEW00910	4026423971785	23	SES541606	7611682007848	21
QEW00912	4026423990816	22	SES581606	7611682008654	21
QEW00920	4026423990922	23	SFK25002	7611682000078	12
QEW00922	4026423990946	22	SFK50002	7611682000085	12
QEW00950	7611682006452	22	SFK75002	7611682000092	12
QEW01150	7611682006476	22	SFK99902	7611682000108	12
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QEW01306	7611682006698	23	SFPB101032	7611682008388	71
QEW01350	7611682006483	22	SFPB102023	7611682008395	71
QEW01606	7611682006773	22	SFPB102032	7611682008401	71
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QEW02550	7611682006506	22	SKB08803	7611682000061	51
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Type Part No.	Product description	GTIN	PU
Antennas			
SAT antennas premium-line			
SAA 110-01 SAA11001	Aluminium satellite antenna 110 x 99 cm <ul style="list-style-type: none"> ✓ Grey ✓ Powder-coated ✓ Fast and easy to mount ✓ Completely pre-assembled ✓ Suitable for multifeed reception 	7611682004281	1
SAA 110-02 SAA11002	Same as SAA 110-01, but anthracite	7611682004298	1
SAA 110-03 SAA11003	Same as SAA 110-01, but brick-red	7611682004304	1
SAA 85-01 SAA08501	Aluminium satellite antenna 85 cm <ul style="list-style-type: none"> ✓ Grey ✓ Powder-coated ✓ Fast and easy to mount ✓ Completely pre-assembled ✓ Suitable for multifeed reception 	7611682001952	1
SAA 85-02 SAA08502	Same as SAA 85-01, but anthracite	7611682001969	1
SAA 85-03 SAA08503	Same as SAA 85-01, but brick-red	7611682001976	1
SAT antennas premium-line			
SAA 80-01 SAA08001	Aluminium satellite antenna 85 x 75 cm <ul style="list-style-type: none"> ✓ Grey ✓ Powder-coated ✓ Fast and easy to mount ✓ Suitable for multifeed reception 	7611682006537	1
SAA 80-02 SAA08002	Same as SAA 80-01, but anthracite	7611682006544	1
SAA 80-03 SAA08003	Same as SAA 80-01, but brick-red	7611682006551	1
LNBs			
SCO 2-10 SCO00210	Wideband-LNB DVB-S/S2/S2X <ul style="list-style-type: none"> ✓ For uses with wideband-capable single-cable multiswitches ✓ Input frequency range 10.7 ... 12.75 GHz ✓ Output frequency range 300 ... 2350 MHz ✓ Oscillator frequency 10.4 GHz 	7611682007176	1
SCO 4-10 SCO00410	Quattro LNB DVB-S/S2/S2X <ul style="list-style-type: none"> ✓ For use with multiswitches ✓ Input frequency range 10.7 ... 12.75 GHz ✓ Output frequency range 950 ... 2150 MHz ✓ Oscillator frequency 9,75 GHz 10,6 GHz 	7611682007183	1
SCO 4-11 SCO00411	Quad LNB DVB-S/S2/S2X <ul style="list-style-type: none"> ✓ For connection of 4 end devices ✓ Input frequency range 10.7 ... 12.75 GHz ✓ Output frequency range 950 ... 2150 MHz ✓ Oscillator frequency 9,75 GHz 10,6 GHz 	7611682007190	1
Accessories			
SZU 85-01 SZU08501	40 mm LNB holder for multifeed <ul style="list-style-type: none"> ✓ For SZU 85-02 and SZU 85-06 	7611682002270	1
SZU 85-02 SZU08502	Multifeed bar ±5° <ul style="list-style-type: none"> ✓ For SAA 80/85-0x and SAA 110-0x ✓ As well as SCO 2-00/4-0x, OCO 1-00/2-00 	7611682002287	1
SZU 85-06 SZU08506	Same as SZU 85-02, but ±12°	4026423971921	1

Type Part No.	Product description	GTIN	PU
	SZU 85-03 SZU08503 Rafter fastener ✓ For SAA 80/85-xx ✓ Steel, hot-dip galvanised ✓ Mast diameter 48 mm ✓ Mast length 900 mm	4026423970917	1
	SZU 85-07 SZU08507 Same as SZU 85-03, but for SAA 110-xx, mast diameter 60 mm	4026423972140	1
	SZU 85-09 SZU08509 Same as SZU 85-03, but for SAA 85-xx, mast length 1300 mm	7611682006865	1
	SZU 85-05 SZU08505 Wall bracket ✓ For SAA 80/85-xx ✓ Steel, hot-dip galvanised ✓ Wall distance 500 mm	4026423970788	1
	SZU 85-08 SZU08508 Wall bracket ✓ Hot-galvanised steel wall bracket for permanently fastening ✓ of satellite antennas up to Ø 160 cm (e.g. SAA 110-0x) ✓ Can be used as 75 cm wall bracket or 120 cm stand (bracket tube can be split and rotated in 1/3 length) ✓ Wall plate 30 x 30 cm with slotted holes for exact alignment	4026423972133	1
	SZU 85-04 SZU08504 Mast fitting kit ✓ Aluminium cover plate ✓ Gasket strip ✓ Mast cap for the insertion ✓ Cover flange ✓ Max mast diameter 50 mm	4026423972065	1
	SZU 85-10 SZU08510 Mast cap for cable entry ✓ Cables are inserted via the mast top ✓ Suitable for up to 18 cables with a diameter of 4...8 mm ✓ Bending radius of the coaxial cable is maintained ✓ Watertight sealing of antenna masts ✓ UV-resistant PE plastic	7611682008210	1
	QSF 401-00 QSF40100 Flat roof stand ✓ Robust flat-roof and terrace stand ✓ For mounting SAT antennas up to Ø 110 cm ✓ Is weighted down with 4 or 8 cement plates (50 x 50 cm) (not included in delivery) ✓ High-quality steel, hot-dip zinc-coated ✓ Mast angle 10° adjustable ✓ Loadable up to 1600 Nm	4026423971426	1
	SAT window cable		
	SAK 25-01 SAK02501 F female-female window leading ✓ Very flexible, to lead through a window or door frame	7611682002348	1
	SAK 25-02 SAK02502 F female-female window leading ✓ Very flexible, to lead through a window or door frame ✓ With water protection sleeve for outdoor connection ✓ F female gold-plated	7611682090253	1
	SFK 250-02 SFK25002 F male-male flat cable 3 mm ✓ 2.50 m ✓ Simple installation underneath carpet, parquet or laminate ✓ Very flexible, to lead through a window or door frame ✓ Gold-plated F connector male ✓ With water protection sleeve for outdoor connection directly at LNB	7611682000078	1
	SFK 500-02 SFK50002 Same as SFK 250-02, but 5.00 m	7611682000085	1
SFK 750-02 SFK75002 Same as SFK 250-02, but 7.,50 m	7611682000092	1	
SFK 999-02 SFK99902 Same as SFK 250-02, but 10.00 m	7611682000108	1	



Type Part No.	Product description	GTIN	PU
TERR antennas			
TAA 3-20 TAA00320	DVB-T/T2 FM DAB+ antenna with LTE filter (class 3) <ul style="list-style-type: none"> ✓ Suitable for DVB-T/T2, FM and DAB+ reception ✓ Motorcar supply cable/adaptor ✓ With integrated amplifier ✓ RED-compliant class 3 ✓ Included accessory: Coaxial cable, F-angle adapter, F/F adapter, F quickfix connector and IEC connector, Plug-in power supply unit, Motorcar supply cable/adaptor, DC power coupler, Indoor stand, Mast clamp, Mounting screws 	7611682007381	1
TZA 6-00 TZA00600	Telescopic indoor antenna <ul style="list-style-type: none"> ✓ For all TV and radio channels ✓ Suitable for DVB-T/T2 and DAB+ ✓ Passive, no power supply necessary 	7611682070064	1
SPU 6-02 SPU00602	DVB-T/CATV antenna relay <ul style="list-style-type: none"> ✓ To switch between a DVB-T and a CATV signal ✓ Switching signal 5 V/35 mA ✓ Including DC blocker SZU 14-01 	7611682001099	1



Type Part No.	Product description	GTIN	PU
Measuring devices			
DVB-TV Meter			
MG 1-00 MG00100	DVB-TV Meter <ul style="list-style-type: none"> ✓ Easy start thanks to DVB-T2 and SAT wizard, intuitive operation ✓ Ideal for use by installers, electricians and on the construction site ✓ 7-inch high-resolution touch display (800 × 480 px) ✓ Including display of the TV picture by MPEG4 decoder (H.264) ✓ Very good legibility even in poor lighting conditions ✓ Measuring ranges DVB-T/T2/-T2 Lite, DVB-C/-C2 and DVB-S/-S2 (incl. UNICABLE I and II as well as Wideband) ✓ Extendable to DVB-S2X with software extension MGS 1-00 ✓ Frequency range SAT 200 ... 2400 MHz (Wideband) ✓ Frequency range DVB-T/T2/CATV 5 ... 1005 MHz ✓ Import of an individual frequency plan possible ✓ Level measuring range 20 ... 120 dBμV ✓ Measurements: level (also analogue), BER, MER, packet error (PER), link margin, constellation diagram ✓ Including spectrum analyser with full-band display or stepwise adjustment of the span ✓ DiSEqC Version 1.2 ✓ Supply voltages 13/18 V for SAT, 5/13/18/24 V for DVB-T2 and CATV ✓ Network interface RJ45 (10/100baseT), USB ✓ Compact design, stable housing with robust bumpers ✓ Built-in lithium-ion battery with 94 Wh for up to 5 hours operating time (depending on the use and a remote power supply for LNB or antenna) ✓ Incl. F/F-adapter, charging unit, USB flash drive and carrying bag MGZ 1-00 ✓ User-friendly generation of measurement protocols thanks to the AXING-MCombiner software tool included in delivery 	7611682007916	1
MGS 1-00 MGS00100	Software extension for MG 1-00 <ul style="list-style-type: none"> ✓ For measuring DVB-S2X modulated satellite signals ✓ Should be installed at the factory and for this reason should be ordered as well ✓ For upgrading, the measuring device must be reprogrammed at AXING 	–	1
MGK 1-00 MGK00100	Meter calibration for DVB-TV meter MG 1-00 <ul style="list-style-type: none"> ✓ Meters must be calibrated at regular intervals. ✓ The measuring device must be sent to the factory for this and is checked and recalibrated 	–	1



Type Part No.	Product description	GTIN	PU
Accessories for DVB-TV Meter			
MGZ 1-00 MGZ00100	Carrying bag for MG 1-00 ✓ Replacement for the carrying bag supplied with the MG 1-00	7611682007923	1
MGZ 1-01 MGZ00101	Rain and sun protection kit for MG 1-00 ✓ Rain cover for working even in the rain ✓ Glare protection for mounting above the display ✓ Belt clip	7611682007930	1
MGZ 2-00 MGZ00200	Car charger for MG 1-00 ✓ For charging the device in the car ✓ DC/DC converter 12V to 15V/1A ✓ With adapter for car cigarette lighter and hollow plug 5.5 mm	7611682007947	1
MGZ 3-00 MGZ00300	Measuring cable and adapter set for MG 1-00 ✓ Includes a 2.0 m measuring cable and the following laboratory adapters: ✓ CFA 13-01 Adapter IEC-female to F-female ✓ CFA 14-01 Adapter IEC-male to F-female ✓ CFA 15-00 Adapter IEC-male to F-male, Quickfix ✓ CFA 16-00 Adapter IEC-female to F-male, Quickfix ✓ CFA 17-00 Adapter F-male, Quickfix to IEC-female	7611682007954	1
MGZ 2-01 MGZ00201	Power bank for MG 1-00 ✓ Capacity 88.8 Wh / 24,000 mAh ✓ Maximum charging power 60 W, supports various fast-charging technologies ✓ Can be charged via USB or notebook power supply unit ✓ Operating voltage 5 to 24 volts ✓ Charge level indicator, voltage indicator ✓ Connections (input and output): USB-C, USB-A, DC ✓ Adapter set with hollow DC plugs included in delivery ✓ Also suitable for notebook, smartphone, tablet, drone ✓ Wireless charging 10 W / inductive charging function for smartphones	7611682008265	1



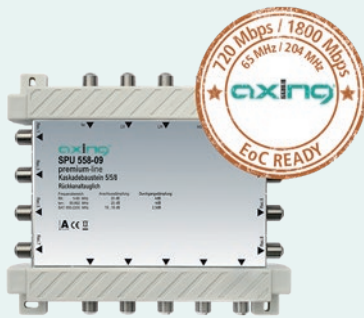
Signal tester			
SZU 17-01 SZU01701	SAT signal tester ✓ Enables to find new satellites and align satellite dishes ✓ With acoustic signal ✓ Display type LED chain	7611682160178	1
SZU 17-02 SZU01702	Same as SZU 17-01, but LCD display	7611682001914	1
BZU 10-02 BZU01002	CATV signal tester digital ✓ Easy-to-use, small level tester for digital CATV systems ✓ Displays the average level of a single channel within 254...294 MHz or 398...438 MHz ✓ Alternatively, display of the sum total level over the entire bandwidth ✓ Including: Patch cable (F/F, 30 cm) and Adapter (IEC female/F-female)	7611682007824	1
TZU 22-01 TZU02201	Signal tester DVB-T-T2 analogue digital ✓ With LED indication ✓ To adjust TV and Radio (FM) antennas ✓ Input level adjustable ✓ Can either be operated with a PP3 (9 volt) battery, an external DC power supply (not included in delivery) or can be remote power fed from a DVB-T receiver.	7611682082203	1



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Type Part No.	Product description	GTIN	PU
Multiswitches			
1 SAT position basic-line			
SPU 56-05 SPU05605	Multiswitch 5 in 6 basic-line <ul style="list-style-type: none"> ✓ Up to 6 subscribers ✓ Active satellite path, passive terrestrial path ✓ Suitable for broadband return path (EoC up to 204 MHz) ✓ Suitable for Quad LNB ✓ Switching power supply 	7611682130577	1
SPU 58-05 SPU05805	Same as SPU 56-05, but 5 in 8, for up to 8 subscribers	7611682130591	1
SPU 512-05 SPU51205	Same as SPU 56-05, but 5 in 12, for up to 12 subscribers	7611682135138	1
SPU 516-05 SPU51605	Same as SPU 56-05, but 5 in 16, for up to 16 subscribers	7611682135176	1
1 SAT position premium-line			
SPU 54-09 SPU05409	Active multiswitch 5 in 4 premium-line <ul style="list-style-type: none"> ✓ For up to 4 subscribers ✓ Active satellite, passive terrestrial path ✓ Suitable for broadband return path (EoC up to 204 MHz) ✓ Suitable for Quad LNB ✓ Switching power supply unit (detachable up to 10 m) 	7611682000467	1
SPU 56-09 SPU05609	Active multiswitch 5 in 6 premium-line <ul style="list-style-type: none"> ✓ For up to 6 subscribers ✓ Active satellite and terrestrial path ✓ Terrestrial adjustable, switchable to passive (thus suitable for return channel) ✓ Cascadable ✓ Suitable for broadband return path (EoC up to 204 MHz) ✓ Suitable for Quad LNB ✓ Switching power supply unit (detachable up to 10 m) 	7611682000474	1
SPU 58-09 SPU05809	Same as SPU 56-09, but 5 in 8, for up to 8 subscribers	7611682001464	1
SPU 510-09 SPU51009	Same as SPU 56-09, but 5 in 10, for up to 10 subscribers	7611682000481	1
SPU 516-09 SPU51609	Same as SPU 56-09, but 5 in 16, for up to 16 subscribers	7611682000498	1
SPU 556-09 SPU55609	Cascade unit 5 in 6 premium-line <ul style="list-style-type: none"> ✓ For up to 6 subscribers ✓ Passive satellite and terrestrial path ✓ For cascadable 5 in x SAT systems ✓ Optimized for the use with SPU 5xx-09 ✓ Suitable for broadband return path (EoC up to 204 MHz) 	7611682000535	1
SPU 558-09 SPU55809	Same as SPU 556-09, but 5 in 8, for up to 8 subscribers	7611682000528	1
SPU 5512-09 SPU551209	Same as SPU 556-09, but 5 in 12, for up to 12 subscribers	7611682000511	1
SPU 5518-09 SPU551809	Same as SPU 556-09, but 5 in 18, for up to 18 subscribers	7611682000504	1
SPU 5518-19 SPU551819	Same as SPU 5518-09, but SAT active	7611682004526	1
SVS 550-09 SVS55009	Headamplifier 5 in 5 premium-line <ul style="list-style-type: none"> ✓ For use with SPU 5xx-09 systems ✓ 4 x SAT 950...2200 MHz 1 x TERR 5...862 MHz ✓ 4 x SAT 950...2200 MHz Gain 21...27 dB ✓ 1 x TERR 5...862 MHz Gain 15 dB ✓ Built-in attenuators 0...15 dB ✓ Switching power supply unit (detachable up to 10 m) ✓ 5 termination resistors CFA 11-00 included 	7611682002621	1

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Type Part No.	Product description	GTIN	PU
SVE 5504-09 SVE550409	4-way SAT splitter 5 in 5 premium-line ✓ For use with 5xx-09 systems ✓ 4 × SAT (Wideband) 300...2400 MHz 1 × TERR 5...862 MHz ✓ DC power pass from SAT outputs to SAT inputs (isolated with diodes) ✓ Suitable for broadband return path (EoC up to 204 MHz)	7611682003314	1



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2 SAT positions | basic-line

SPU 98-06 SPU09806	Multiswitch stand-alone/cascade unit 9 in 8 basic-line ✓ For up to 8 subscribers ✓ Subscriber ports SAT active, terrestrial passive ✓ Suitable for broadband return path (EoC up to 204 MHz) ✓ Powered by ext. power supply SZU 99-06 (not included in delivery) or via the SAT-IF trunk lines ✓ Cascadable - Cascade outputs must be terminated with DC-isolated 75 Ohm terminating resistors (e.g. CFA 11-00, not included in delivery)	7611682005387	1
SPU 912-06 SPU91206	Same as SPU 98-06, but 9 in 12, for up to 12 subscribers	7611682005394	1
SPU 916-06 SPU91606	Same as SPU 98-06, but 9 in 16, for up to 16 subscribers	7611682005400	1
SPU 924-06 SPU92406	Same as SPU 98-06, but 9 in 24, for up to 24 subscribers	7611682005417	1
SPU 932-06 SPU93206	Same as SPU 98-06, but 9 in 32, for up to 32 subscribers	7611682005424	1

2 SAT positions | premium-line

SPU 96-09 SPU09609	Active multiswitch 9 in 6 premium-line ✓ For up to 6 subscribers ✓ Active satellite and terrestrial path ✓ Terrestrial adjustable, switchable to passive (thus suitable for return channel) ✓ Cascadable ✓ Suitable for broadband return path (EoC up to 204 MHz) ✓ Suitable for Quad LNB ✓ Switching power supply unit (detachable up to 10 m)	7611682130966	1
SPU 910-09 SPU91009	Same as SPU 96-09, but 9 in 10, for up to 10 subscribers	7611682130980	1
SPU 916-09 SPU91609	Same as SPU 96-09, but 9 in 16, for up to 16 subscribers	7611682139167	1

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MULTISWITCHES

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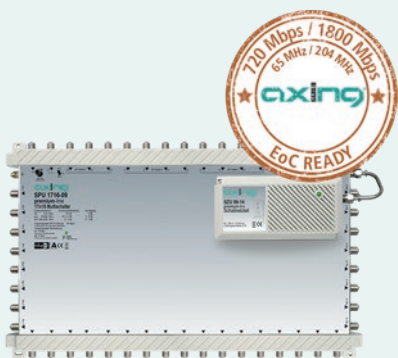


Type Part No.	Product description	GTIN	PU
SPU 996-09 SPU99609	Cascade unit 9 in 6 premium-line <ul style="list-style-type: none"> ✓ For up to 6 subscribers ✓ Passive satellite and terrestrial path ✓ For cascadable 9 in x SAT systems ✓ Optimized for the use with SPU 9xx-09 ✓ Suitable for broadband return path (EoC up to 204 MHz) 	7611682139952	1
SPU 998-09 SPU99809	Same as SPU 996-09, but 9 in 8, for up to 8 subscribers	7611682139969	1
SPU 9912-09 SPU991209	Same as SPU 996-09, but 9 in 12, for up to 12 subscribers	7611682139983	1
SPU 9918-09 SPU991809	Same as SPU 996-09, but 9 in 18, for up to 18 subscribers	7611682139129	1
SPU 9918-19 SPU991819	Same as SPU 9918-09, but SAT active	7611682004533	1
SVS 990-09 SVS99009	Headamplifier 9 in 9 premium-line <ul style="list-style-type: none"> ✓ For use with SPU 9xx-09 systems ✓ 8 x SAT 950...2200 MHz Gain 21...27 dB ✓ 1 x TERR 5...862 MHz Gain 15 dB ✓ Built-in attenuators 0...15 dB ✓ Switching power supply unit (detachable up to 10 m) ✓ 9 termination resistors CFA 11-00 included 	7611682002850	1
3 SAT positions basic-line			
SPU 1308-06 SPU130806	Multiswitch stand-alone/cascade unit 13 in 8 basic-line <ul style="list-style-type: none"> ✓ For up to 8 subscribers ✓ Subscriber ports SAT active, terrestrial passive ✓ Suitable for broadband return path (EoC up to 204 MHz) ✓ Powered by ext. power supply SZU 99-06 (not included in delivery) or via the SAT-IF trunk lines ✓ Cascadable - Cascade outputs must be terminated with DC-isolated 75 Ohm terminating resistors (e.g. CFA 11-00, not included in delivery) 	7611682005431	1
SPU 1312-06 SPU131206	Same as SPU 1308-06, but 13 in 12, for up to 12 subscribers	7611682005448	1
SPU 1316-06 SPU131606	Same as SPU 1308-06, but 13 in 16, for up to 16 subscribers	7611682005455	1
SPU 1324-06 SPU132406	Same as SPU 1308-06, but 13 in 24, for up to 24 subscribers	7611682005462	1
SPU 1332-06 SPU133206	Same as SPU 1308-06, but 13 in 32, for up to 32 subscribers	7611682005479	1
4 SAT positions basic-line			
SPU 1708-06 SPU170806	Multiswitch stand-alone/cascade unit 17 in 8 basic-line <ul style="list-style-type: none"> ✓ For up to 8 subscribers ✓ Subscriber ports SAT active, terrestrial passive ✓ Suitable for broadband return path (EoC up to 204 MHz) ✓ Powered by ext. power supply SZU 99-06 (not included in delivery) or via the SAT-IF trunk lines ✓ Cascadable - Cascade outputs must be terminated with DC-isolated 75 Ohm terminating resistors (e.g. CFA 11-00, not included in delivery) 	7611682005486	1
SPU 1712-06 SPU171206	Same as SPU 1708-06, but 17 in 12, for up to 12 subscribers	7611682005493	1
SPU 1716-06 SPU171606	Same as SPU 1708-06, but 17 in 16, for up to 16 subscribers	7611682005509	1
SPU 1724-06 SPU172406	Same as SPU 1708-06, but 17 in 24, for up to 24 subscribers	7611682005516	1
SPU 1732-06 SPU173206	Same as SPU 1708-06, but 17 in 32, for up to 32 subscribers	7611682005523	1

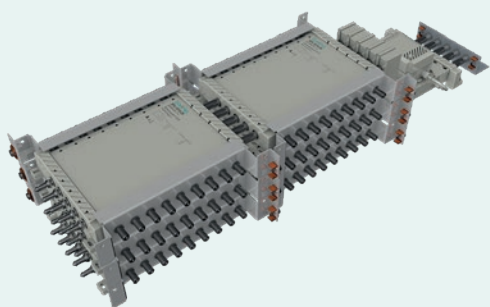
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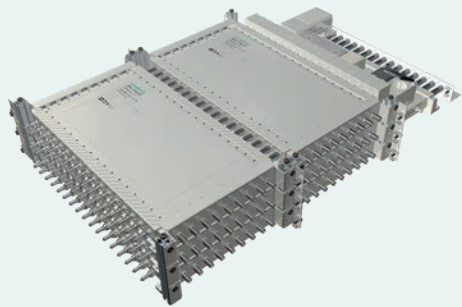
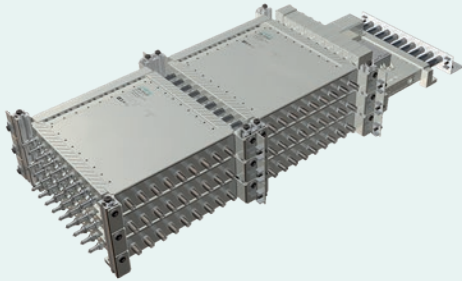
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Type Part No.	Product description	GTIN	PU
4 SAT positions premium-line			
SPU 1708-09 SPU170809	Active standalone multiswitch 17 in 8 premium-line ✓ For up to 8 subscribers ✓ Active satellite and terrestrial path ✓ Terrestrial adjustable and switchable to passive ✓ Switching power supply unit (detachable up to 10 m) ✓ Suitable for Quad LNB ✓ Suitable for broadband return path (EoC up to 204 MHz)	7611682001730	1
SPU 1716-09 SPU171609	Active multiswitch 17 in 16 premium-line ✓ For up to 16 subscribers ✓ Active satellite and terrestrial path ✓ Terrestrial adjustable and switchable to passive ✓ Switching power supply unit (detachable up to 10 m) ✓ Suitable for Quad LNB ✓ Suitable for broadband return path (EoC up to 204 MHz)	7611682001754	1
SPU 1710-09 SPU171009	Cascade unit 17 in 10 premium-line ✓ For up to 10 subscribers ✓ Passive satellite and terrestrial path ✓ For cascadable 17 in x SAT systems ✓ Optimized for the use with SPU 1716-09 ✓ Suitable for broadband return path (EoC up to 204 MHz)	7611682001747	1
SPU 1718-19 SPU171819	Same as SPU 1710-09, but 17 in 18, for up to 18 subscribers, SAT active	7611682003451	1
SVS 1717-09 SVS171709	Headamplifier 17 in 17 ✓ For use with SPU 17xx-09 systems ✓ 16 x SAT 950...2200 MHz Gain 21...27 dB ✓ 1 x TERR 5...862 MHz Gain 15 dB ✓ Built-in attenuators 0...15 dB ✓ Switching power supply unit (detachable up to 10 m) ✓ 17 termination resistors CFA 11-00 included	7611682003321	1
Stackable multiswitch system mini			
SZU 521-00 SZU52100	Stackable multiswitch system Mini ✓ For compact mounting and safe connection of 2 x SPU 5518-09/-19 multi-switches and 1 x SVS 550-09 head amplifier (multi-switch and head amplifier not included in delivery) ✓ 1 x 2-times stacked, for distributing the signals of one satellite position to 36 subscribers ✓ Consisting of: ✓ 5 x SVE 2-09 input splitter ✓ 4 x SZU 89-09 mounting rail 2-way ✓ 4 x QEW 9-90 earthing bracket for subscriber outputs incl. CFA 17-99 ✓ 8 x M5 x 6 screw ✓ 5 x CFA 11-00 terminating resistor	7611682005035	1
SZU 522-00 SZU52200	Same as 521-00, but 2 x 2-times stacked for 2 satellites, 72 subscribers	7611682005097	1
SZU 531-00 SZU53100	Same as 521-00, but 1 x 3-times stacked, 2 satellites, 54 subscribers	7611682005066	1
SZU 532-00 SZU53200	Same as 521-00, but 2 x 3-times stacked, 2 satellites, 108 subscribers	7611682005127	1

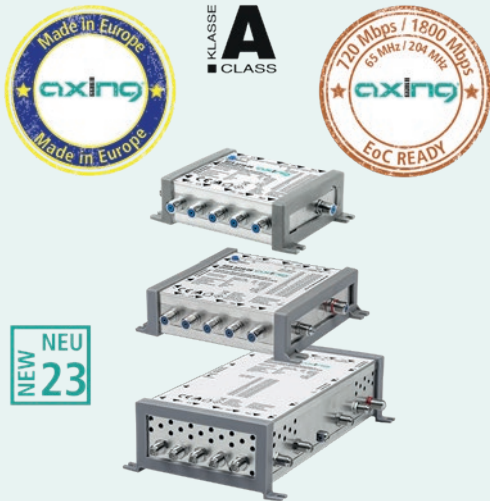


Type Part No.	Product description	GTIN	PU
SZU 921-00 SZU92100	Stackable multiswitch system Mini <ul style="list-style-type: none"> ✓ For compact mounting and safe connection of 2 × SPU 9918-09/19 multi-switches and 1 × SVS 990-09 head amplifier (multi-switch and head amplifier not included in delivery) ✓ 1 × 2-times stacked, for distributing the signals of two satellite positions to 36 subscribers ✓ Consisting of: <ul style="list-style-type: none"> ✓ 9 × SVE 2-09 input splitter ✓ 4 × SZU 89-09 mounting rail 2-way ✓ 4 × QEW 9-90 earthing bracket for subscriber outputs incl. CFA 17-99 ✓ 8 × M5 × 6 screw ✓ 9 × CFA 11-00 terminating resistor 	7611682005042	1
SZU 922-00 SZU92200	Same as 921-00, but 2 x 2-times stacked for 2 satellites, 72 subscribers	7611682005103	1
SZU 931-00 SZU93100	Same as 921-00, but 1 x 3-times stacked, 2 satellites, 54 subscribers	7611682005073	1
SZU 932-00 SZU93200	Same as 921-00, but 2 x 3-times stacked, 2 satellites, 108 subscribers	7611682005134	1
SZU 1721-00 SZU172100	Stackable multiswitch system Mini <ul style="list-style-type: none"> ✓ For compact mounting and safe connection of 2 × SPU 1718-19 multi-switches and 1 × SVS 1717-09 head amplifier (multi-switch and head amplifier not included in delivery) ✓ 1 × 2-times stacked, for distributing the signals of four satellite positions to 36 subscribers ✓ Consisting of: <ul style="list-style-type: none"> ✓ 17 × SVE 2-09 input splitter ✓ 4 × SZU 89-09 mounting rail 2-way ✓ 4 × QEW 9-90 earthing bracket for subscriber outputs incl. CFA 17-99 ✓ 8 × M5 × 6 screw ✓ 17 × CFA 11-00 terminating resistor 	7611682005059	1
SZU 1722-00 SZU172200	Same as 1721-00, but 2 x 2-times stacked for 2 satellites, 72 subscribers	7611682005110	1
SZU 1731-00 SZU173100	Same as 1721-00, but 1 x 3-times stacked, 2 satellites, 54 subscribers	7611682005080	1
SZU 1732-00 SZU173200	Same as 1721-00, but 2 x 3-times stacked, 2 satellites, 108 subscribers	7611682005141	1

Single cable multiswitches | 4 user bands

SES 984-06 SES98406	Single cable multiswitch II (SCR) 9 in 8 × 4 premium-line <ul style="list-style-type: none"> ✓ 2 SAT positions with quattro LNB ✓ 4 SAT positions with wideband LNBs (EN 50607 only) ✓ 2 out of 4 SAT positions with wideband LNBs (EN 50494) ✓ With terrestrial feed-in ✓ Suitable for broadband return path (EoC up to 204 MHz) ✓ Cascadable ✓ 8 outputs with 4 user bands each ✓ Single cable I and II compatible (according to EN 50607 and EN 50494) ✓ Interference-free, no interference across flats when using programmable SSD 6-xx antenna wall outlets ✓ Alternatively up to 8 legacy outputs (not with wideband LNBs or SSD 6-xx) ✓ Ext. power supply SZU 99-06 needed (not included in delivery) 	7611682006100	1
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Type Part No.	Product description	GTIN	PU
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Single cable multiswitches | 16 user bands

SES 5216-06 SES521606	Single cable multiswitch II (SCR) 5 in 2 x 16 premium-line ✓ 1 SAT position with quattro LNB ✓ 2 SAT positions with wideband LNBS ✓ With terrestrial feed-in ✓ Suitable for broadband return path (EoC up to 204 MHz) ✓ Cascadable ✓ 2 outputs and 16 user bands ✓ Single cable I and II compatible ✓ No interference across flats when using programmable SSD 6-xx antenna wall outlets ✓ Alternatively up to 2 legacy outputs (not with wideband LNBS or SSD 6-00) ✓ Supply via external power supply unit SZU 99-06 (not included in delivery), for cascades up to 3 x SES 5216-06 usually only one power supply unit is needed	7611682007831	1
SES 5416-06 SES541606	Same as SES 5216-06, but 4 outputs	7611682007848	1
SES 5816-06 SES581606	Same as SES 5216-06, but 4 outputs	7611682008654	1

DiSEqC switches

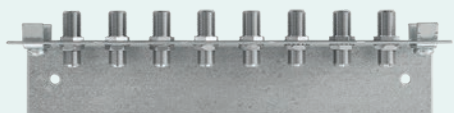
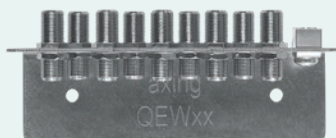
SPU 21-01 SPU02101	DiSEqC switch indoor ✓ 2 in 1 ✓ Cascadable ✓ With sliding switch to determine between "Option", Tone Burst / "Position" and 22 kHz / "Band"	7611682130218	1
SPU 21-02 SPU02102	DiSEqC switch outdoor ✓ 2 in 1 ✓ DC power pass ✓ Outdoor types in weather-proof housing (easy to mount with cable binders)	7611682131215	1
SPU 41-02 SPU04102	DiSEqC switch outdoor ✓ 4 in 1 ✓ DC power pass ✓ Outdoor types in weather-proof housing (easy to mount with cable binders)	7611682131413	1
SPU 81-00 SPU08100	DiSEqC switch outdoor ✓ 8 in 1 ✓ DC power pass ✓ Outdoor types in weather-proof housing (easy to mount with cable binders) ✓ Suitable to control a DiSEqC motor	7611682000597	1
SPU 81-02 SPU08102	DiSEqC switch outdoor ✓ 2 x 8 in 1 ✓ DC power pass ✓ Outdoor types in weather-proof housing (easy to mount with cable binders) ✓ Suitable to control a DiSEqC motor	7611682000603	1



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EARTHING AND EQUIPOTENTIAL BONDING



Type Part No.	Product description	GTIN	PU
Earthing and equipotential bonding			
Earthing angles Vodafone Kabel Deutschland			
QEW 5-50 QEW00550	Earthing angle 5-way, two-rowed <ul style="list-style-type: none"> ✓ Earthing and Equipotential bonding acc. to EN 60728-11 ✓ For CATV cabinets ✓ With premium-line double F-sockets CFA 26-02 ✓ Screening factor >105 dB ✓ Vodafone listed 	7611682006421	1
QEW 6-50 QEW00650	Same as QEW 5-50, but 6-way	7611682006438	1
QEW 7-50 QEW00750	Same as QEW 5-50, but 7-way	7611682006445	1
QEW 8-50 QEW00850	Same as QEW 5-50, but 8-way	7611682006469	1
QEW 9-50 QEW00950	Same as QEW 5-50, but 9-way	7611682006452	1
QEW 11-50 QEW01150	Same as QEW 5-50, but 11-way	7611682006476	1
QEW 13-50 QEW01350	Same as QEW 5-50, but 13-way	7611682006483	1
QEW 17-50 QEW01750	Same as QEW 5-50, but 17-way	7611682006490	1
QEW 25-50 QEW02550	Same as QEW 5-50, but 25-way, three-rowed	7611682006506	1
Earthing angles single-rowed			
QEW 3-12 QEW00312	Earthing angle single-rowed quickfix <ul style="list-style-type: none"> ✓ 3-way ✓ Earthing and equipotential bonding acc. to EN 60728-11 ✓ For AXING multiswitches SPU xxx-09 at subscriber outputs ✓ With premium-line double F-sockets CFA 26-02 and quickfix adapter CFA 4-01 	7611682004434	1
QEW 4-12 QEW00412	Same as QEW 3-12, but 4-way	7611682004441	1
QEW 5-12 QEW00512	Same as QEW 3-12, but 5-way	4026423990793	1
QEW 6-12 QEW00612	Same as QEW 3-12, but 6-way	7611682004458	1
QEW 9-12 QEW00912	Same as QEW 3-12, but 9-way	4026423990816	1
QEW 9-22 QEW00922	Same as QEW 3-12, but 9-way for SPU 9x-05	4026423990946	1
QEW 17-12 QEW01712	Same as QEW 3-12, but 17-way for SPU 17xx-09	4026423990847	1
QEW 4-06 QEW00406	Earthing angle single-rowed <ul style="list-style-type: none"> ✓ 4-way ✓ Earthing and equipotential bonding acc. to EN 60728-11 ✓ For AXING multiswitches SPU xx8-06 and SES 984-06 at subscriber outputs (patch cable SAK 21/41-02 required) ✓ With premium-line double F-sockets CFA 26-02 	7611682006735	1
QEW 6-06 QEW00606	Same as QEW 4-06, but 6-way	7611682006742	1
QEW 8-06 QEW00806	Same as QEW 4-06, but 8-way	7611682006759	1
QEW 12-06 QEW01206	Same as QEW 4-06, but 12-way	7611682006766	1
QEW 16-06 QEW01606	Same as QEW 4-06, but 16-way	7611682006773	1



Type Part No.	Product description	GTIN	PU
Earthing angles single-rowed surge protection			
QEW 4-20 QEW00420	Earthing angle single-rowed surge protection ✓ 4-way ✓ Earthing and equipotential bonding acc. to EN 60728-11 ✓ For AXING multiswitches SPU 5xx-05 at input ✓ Incl. surge protection devices SZU 6-02 ✓ With premium-line double F-sockets CFA 26-02 and quickfix adapter CFA 4-01	4026423990960	1
QEW 5-10 QEW00510	Same as QEW 4-20, but 5-way for SPU 5xx-09	4026423971778	1
QEW 9-10 QEW00910	Same as QEW 4-20, but 9-way for SPU 9x-09	4026423971785	1
QEW 9-20 QEW00920	Same as QEW 4-20, but 9-way for SPU 9x-05	4026423990922	1
QEW 17-10 QEW01710	Same as QEW 4-20, but 17-way for SPU 17xx-09	4026423990762	1
QEW 5-06 QEW00506	Earthing angle single-rowed surge protection ✓ 5-way ✓ Earthing and equipotential bonding acc. to EN 60728-11 ✓ Incl. surge protection devices SZU 6-02 ✓ With premium-line double F-sockets CFA 26-02 and quickfix adapter CFA 4-01 ✓ For AXING multi-switch SES 52xx-06 in combination with SAK 21/41-02 connectable at the input	7611682006674	1
QEW 9-06 QEW00906	Same as QEW 5-06, but 9-way, two-rowed	7611682006681	1
QEW 13-06 QEW01306	Same as QEW 5-06, but 13-way, two-rowed	7611682006698	1
QEW 17-06 QEW01706	Same as QEW 5-06, but 17-way, two-rowed	7611682006704	1
Surge protection			
SZU 6-01 SZU00601	Surge protection device IEC-male IEC-female ✓ For terrestrial, CATV and satellite TV networks ✓ Complies with EN 61643-21	7611682160611	1
SZU 6-02 SZU00602	Same as SZU 6-01, but F-male F-female	7611682160628	1
Earth connection blocks			
CFA 7-00 CFA00700	Earth connection block single F F wall mounting ✓ 1 × female to female	7611682280074	100
CFA 9-00 CFA00900	Earth connection block double F F wall mounting ✓ 2 × female to female	7611682280098	100
CFA 7-01 CFA00701	Earth connection block single F F wall mounting ✓ 1 × female to female ✓ High return loss ✓ Vodafone listed	7611682280715	100
CFA 9-01 CFA00901	Same as CFA 9-00, but high return loss	7611682280913	100

CHP – COMPACT HIGH PERFORMANCE HEADENDS

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Type Part No.	Product description	GTIN	PU
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CHP – Compact High Performance Headends

Hybrid headends and encoders

MK 8-00I MK00800I	Hybrid headend 8 × DVB-S/T/C in DVB-C/T/IPTV <ul style="list-style-type: none"> ✓ 8 independent multituner inputs ✓ Transmodulates 8 × DVB-S/S2/S2X/T/T2/C into 8 × DVB-C/T or 512 × SPTS or 8 × MPTS (for IPTV software extension required) ✓ Output modulation configurable ✓ Optimized capacity management ✓ Remux Crossmultiplex ✓ NIT editing option (software extension required) ✓ PID Filtering (software extension required) ✓ Interface for CASimulcrypt Server (software extension required) ✓ Web-based configuration, remote maintenance (SMARTPortal) ✓ Supports SNMPv1 and SNMPv2c ✓ Can be used for wall mounting or as a 19" unit 	7611682009958	1
MK 8-06I MK00806I	Same as MK 8-00I, but additionally decryption of encrypted programs via six CA modules possible	7611682009965	1
MK 16-00I MK01600I	Same as MK 8-00H, but 16 independent inputs	7611682009972	1
MK 16-06I MK01606I	Same as MK 16-00H, but additionally decryption of encrypted programs via six CA modules possible	7611682009989	1
HKM 40-02H HKM04002H	HDMI DVB-C/T/IPTV encoder/modulator <ul style="list-style-type: none"> ✓ 4 × HDMI into 1 or 2 × DVB-C/T or in IPTV ✓ Parallel operation with IPTV possible with software extension HKS 1-00H ✓ Freely selectable DVB-C/T output channels ✓ H.264 ✓ Converts the HDMI resolution 1080p@50/60 Hz to DVB-compliant 1080p@30 Hz ✓ Web-based configuration, remote maintenance (SMARTPortal) ✓ Built in power supply ✓ Can be used for wall mounting or as a 19" unit, 1 RU (with HKZ 1-00) 	7611682009996	0
MKS 1-03I MKS00103I	Software extension for IPTV output <ul style="list-style-type: none"> ✓ For MK 8-00I, MK 8-06I, MK 16-00I, MK 16-06I ✓ Allows selection between RF output signals (DVB-C/-T) or IPTV output signals (no parallel operation possible) ✓ Activation by means of a license file (specify serial number of the headend when purchasing) ✓ If necessary, assistance from our technical support 		1
HKS 1-00H HKS00100H	Software extension for parallel operation DVB/IPTV <ul style="list-style-type: none"> ✓ Installation by our technical support team ✓ Order when purchasing the HKM 40-02H ✓ Alternative installation via remote access 		1

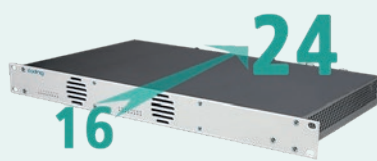
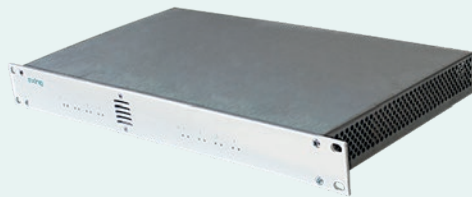


Type Part No.	Product description	GTIN	PU
DVB-C/T headends			
MK 8-00N MK00800N	DVB headend ✓ 8 independent tuner inputs ✓ Transmodulates 8 × DVB-S/S2/S2X into 8 × DVB-C or DVB-T ✓ Output modulation configurable ✓ Optimized capacity management ✓ Remux Crossmultiplex ✓ NIT editing option (software extension required) ✓ PID Filtering (software extension required) ✓ Interface for CASimulcrypt Server (software extension required) ✓ Web-based configuration, remote maintenance (SMARTPortal) ✓ Supports SNMPv1 and SNMPv2c ✓ Can be used for wall mounting or as a 19" unit	7611682008463	1
MK 8-03N MK00803N	Same as MK 8-00N, but additionally decryption of encrypted programs via three CA modules possible	7611682008470	1
MK 12-00N MK01200N	Same as MK 8-00N, but 12 independent inputs	7611682008487	1
MK 12-03N MK01203N	Same as MK 12-00N, but additionally decryption of encrypted programs via three CA modules possible	7611682008494	1
DVB-T2 headends			
MK 8-20 MK00820	DVB headend ✓ 8 independent multituner inputs ✓ Transmodulates 8 × DVB-S/S2/S2X/T/T2/C into 8 × DVB-T2 ✓ Output modulation configurable ✓ Optimized capacity management ✓ Remux Crossmultiplex ✓ PID Filtering (software extension required) ✓ Interface for CASimulcrypt Server (software extension required) ✓ Web-based configuration, remote maintenance (SMARTPortal) ✓ Supports SNMPv1 and SNMPv2c ✓ Can be used for wall mounting or as a 19" unit	7611682008500	1
MK 8-26 MK00826	Same as MK 8-20, but additionally decryption of encrypted programs via six CA modules possible	7611682008517	1

CHP – COMPACT HIGH PERFORMANCE HEADENDS



Type Part No.	Product description	GTIN	PU
Software extensions			
MKS 1-00 MKS00100	Software extension to edit a NIT <ul style="list-style-type: none"> ✓ For MK headends ✓ Reading, editing and uploading the Network Information Table ✓ Activation by means of a license file (specify serial number of the headend when purchasing) ✓ If necessary, assistance from our technical support 	–	1
MKS 1-01 MKS00101	Software extension for PID filtering <ul style="list-style-type: none"> ✓ For MK and MIP headends ✓ For filtering out individual elementary streams from the transport stream ✓ Reassignment of the Service ID ✓ Activation by means of a license file (specify serial number of the headend when purchasing) ✓ If necessary, assistance from our technical support 	–	1
MKS 1-02 MKS00102	Software extension for CASimulcrypt <ul style="list-style-type: none"> ✓ For MK, MIE and MIP headends ✓ Offers the possibility to encrypt programmes ✓ Requires the installation and configuration of a CAS server ✓ Activation by means of a license file (specify serial number of the headend when purchasing) 	–	1
MKS 8-16 MKS00816	Software extension from 8 to 16 output modulators <ul style="list-style-type: none"> ✓ For MK 8-00N and MK 8-03N as well as MK 8-00 and MK 8-06 ✓ Distribution of programs from 8 input channels to 16 output channels in cross-multiplex mode ✓ Increase in output data capacity (e.g. to transmodulate more HD programmes) ✓ Beneficial, especially for transmodulation into DVB-T ✓ Activation by means of a license file (specify serial number of the headend when purchasing) ✓ If necessary, assistance from our technical support 	–	1
MKS 12-16 MKS01216	Software extension from 12 to 16 output modulators <ul style="list-style-type: none"> ✓ For MK 12-00N and MK 12-03N ✓ Distribution of programs from 12 input channels to 16 output channels in cross-multiplex mode ✓ Increase in output data capacity (e.g. to transmodulate more HD programmes) ✓ Beneficial, especially for transmodulation into DVB-T ✓ Activation by means of a license file (specify serial number of the headend when purchasing) ✓ If necessary, assistance from our technical support 	–	1
Front panels			
MKZ 1-00 MKZ00100	Front panel for 19" usage <ul style="list-style-type: none"> ✓ For conversion of MK 8-00I/MK 8-20/MK 16-00I from wall-mount to 19" chassis 	7611682005998	1
MKZ 1-01 MKZ00101	Front panel for 19" usage 6 × CI <ul style="list-style-type: none"> ✓ For conversion of MK 8-06I/MK 8-26/MK 16-06I from wall-mount to 19" chassis ✓ With cut-outs for CI slots 	7611682006001	1
MKZ 1-02 MKZ00102	Front panel for 19" usage <ul style="list-style-type: none"> ✓ For conversion of MK 8-00N/MK 12-00N from wall-mount to 19" chassis 	7611682008524	1
MKZ 1-03 MKZ00103	Front panel for 19" usage 3 × CI <ul style="list-style-type: none"> ✓ For conversion of MK 8-03N/MK 12-03N from wall-mount to 19" chassis ✓ With cut-outs for CI slots 	7611682008531	1
HKZ 1-00 HKZ00100	Front panel for 19" usage <ul style="list-style-type: none"> ✓ For conversion of HKM from wall-mount to 19" chassis 	7611682006209	1



Type Part No.	Product description	GTIN	PU
FM/DAB+/UIM			
SKF 82-00 SKF08200	Multituner FM octo 19 unit AAC-LC + RDS <ul style="list-style-type: none"> ✓ Eight independent multituner inputs ✓ Transmodulates 8 × DVB-S/S2/S2x/T/T2/C into 16 FM radio output signals (expandable to 24 FM output signals with SKS 1-24 (must be installed ex works)) ✓ Supports AAC-LC and DVB-SI to RDS ✓ Web-based configuration Remote maintenance ✓ 19", 1RU, build-in power supply 	7611682008234	1
SKS 1-00 SKS00100	Software extension for AAC-LC decoding <ul style="list-style-type: none"> ✓ For SKF 40-00M and SKF 41-00M ✓ For decoding the Advanced Audio Coding (LC) ✓ Reduces the available channels to 8 	–	1
SKS 1-24 SKS00124	Software extension for SKF 82-00 <ul style="list-style-type: none"> ✓ Expands the SKF 82-00 from 16 to 24 FM output signals ✓ Must be installed ex works and therefore also ordered 	–	1
DCC 1-00 DCC00100	DAB+ Channel Converter <ul style="list-style-type: none"> ✓ For feeding terrestrially received DAB/DAB+ signals into coaxial cable network ✓ Converts one input channel into an freely selectable output channel (5A to 13F) ✓ Multiple DCC 1-00s enable the merging of multiple, distributed DAB channels, thus saves bandwidth in the CATV spectrum ✓ Cleans the frequency band using a SAW filter ✓ Incl. power supply unit 	7611682007794	1
UIM 1-00 UIM00100	Universal input modulator <ul style="list-style-type: none"> ✓ For feeding videos and IP streams into cable networks ✓ Converts the input signal to DVB-C/-T ✓ Signal feed via HDMI (computer/set-top box/cameras), via Ethernet/Internet (YouTube live streaming or similar IP streams) or USB (AVI, MOV, MPEG etc.) ✓ To supplement head-ends, enables a TV channel for information or events (online church services, fitness videos, YouTube live streams) ✓ For use in hotels, retirement homes or in the housing industry ✓ Configuration in the web browser, remote maintenance possible ✓ Incl. power supply unit 	7611682008135	1

CHP – COMPACT HIGH PERFORMANCE HEADENDS



CAS

Stream type	IN PID	OUT PID	FIXED	BLOCK	SCRAMBLE
LC	44	44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MPEG2 Video	103	103	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MPEG4 Audio (gpi)	104	104	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Private data	100	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transport stream	100	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AC-3 Audio (gpi)	106	106	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Subtitles (gpi)	110	110	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DSM-CC	111	111	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DSM-CC	112	112	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Type Part No.	Product description	GTIN	PU
IPTV Streamers and Encoders			
MIP 8-00 MIP00800	Multituner IPTV octo streamer FTA <ul style="list-style-type: none"> ✓ 8 independent multituner inputs ✓ Transmodulates 8 × DVB-S/S2/S2X/T/T2/C into 512 SPTS/8 MPTS ✓ GbE-interface with max. 900 Mbps ✓ Web-based configuration, remote maintenance (SMARTPortal) ✓ Supports SNMPv1 and SNMPv2c ✓ M3U playlist for the TV/radio programs of the transport stream ✓ Interface for CASimulcrypt Server (software extension required) ✓ 19" housing, 1RU ✓ Two redundant power supplies (hot pluggable) 	7611682006605	1
MIP 8-06 MIP00806	Same as MIP 8-00, but additionally decryption of encrypted programs via six CA modules possible	7611682006612	1
MIP 16-00 MIP01600	Same as MIP 8-00, but 16 × DVB-S/S2/S2X/T/T2/C into 512 SPTS/16 MPTS	7611682006629	1
MIP 16-06 MIP01606	Same as MIP 16-00, but additionally decryption of encrypted programs via six CA modules possible	7611682006636	1
MIP 8-00N MIP00800N	Multituner IPTV octo streamer FTA <ul style="list-style-type: none"> ✓ 8 independent multituner inputs ✓ Transmodulates 8 × DVB-S/S2/S2X/T/T2/C into 512 SPTS/8 MPTS ✓ GbE-interface with max. 900 Mbps ✓ Web-based configuration, remote maintenance (SMARTPortal) ✓ Supports SNMPv1 and SNMPv2c ✓ M3U playlist for the TV/radio programs of the transport stream ✓ Interface for CASimulcrypt Server (software extension required) ✓ 19" housing, 1RU 	7611682009903	0
MIP 8-03N MIP00803N	Same as MIP 8-00N, but additionally decryption of encrypted programs via three CA modules possible	7611682009910	0
MIP 12-00N MIP01200N	Same as MIP 8-00N, but 12 × DVB-S/S2/S2X/T/T2/C into 512 SPTS/12 MPTS	7611682009927	0
MIP 12-03N MIP01203N	Same as MIP 12-00N, but additionally decryption of encrypted programs via three CA modules possible	7611682009934	0
AIP 8-00 AIP00800	IP Radio Streamer <ul style="list-style-type: none"> ✓ Transmodulates analogue FM programmes, digital DAB/DAB+ programmes and Internet radio into SPTS (Single Program Transport Streams) ✓ 8 independent input tuners each for either analogue FM stereo reception or digital DAB/DAB+ reception ✓ 8 output ports for IP radio ✓ UDP transport protocol ✓ AAC-LC coding to IP ✓ Individual channel logos possible for output programmes ✓ Web based configuration ✓ 19" 1RU 	7611682009767	1
MKS 1-02 MKS00102	Software extension for CASimulcrypt <ul style="list-style-type: none"> ✓ For MK, MIE and MIP headends ✓ Offers the possibility to encrypt programmes ✓ Requires the installation and configuration of a CAS server ✓ Activation by means of a license file (specify serial number of the headend when purchasing) 	–	1
HKI 41-34 HKI04134	H.264 IPTV Encoder <ul style="list-style-type: none"> ✓ H.264 coding ✓ 4 × HDMI in 4 × SPTS ✓ Web-based configuration, remote maintenance (SMARTPortal) ✓ Two redundant power supplies (hot pluggable) 	7611682005868	1
HKI 81-34 HKI08134	Same as HKI 41-34, but 8 × HDMI in 8 × SPTS	7611682005882	1



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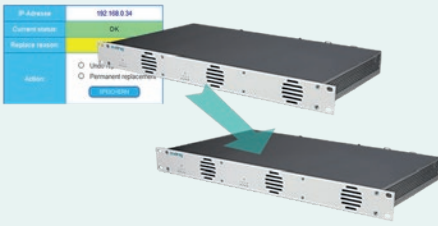


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Type Part No.	Product description	GTIN	PU
Set-Top Boxes			
ISW ISW	Set-Top-Boxes for IPTVSolutions are available on request	Auf Anfrage	1
IPQAM			
MIE 8-00N MIE00800N	IPQAM 8 × DVB-C/-T ✓ Modular EdgeQAM system, includes 1 module ✓ Two redundant IPTV inputs (900 Mbps) ✓ Supports SPTS and MPTS (also mixed) ✓ Transmodulates max. 512 input streams in 8 × DVB-C (J.83 Annex A/C) or 6 × DVB-T output channels ✓ Re-Multiplexing and PID Filtering ✓ Program duplication ✓ Device redundancy configurable (software extension required) ✓ OTA upgrade e.g. for Set Top Boxes possible ✓ Interface for CASimulcrypt Server (software extension required) ✓ Web-based configuration, suitable for AXING SMARTPortal ✓ Supports SNMPv1 and SNMPv2c ✓ 2 × redundant power supply units ✓ 19" housing, 1RU	7611682008753	1
MIE 16-00N MIE01600N	Same as MIE 8-00N, 16 × DVB-C (J.83 Annex A/C) or 12 × DVB-T output channels	7611682008739	1
MIE 32-00N MIE03200N	Same as MIE 16-00N, but includes 2 modules, thereby 2 × 512 input streams in 2 × 16 DVB-C (J.83 Annex A/C) or 2 × 12 DVB-T output channels	7611682008746	1
MIM 16-00N MIM01600N	Extension module for MIE 8-00N or MIE 16-00N ✓ Extension to additional 512 input streams and additional 16 DVB-C or 12 DVB-T output channels	7611682008685	1
MIE 24-00N MIE02400N	IPQAM 24 × DVB-C/-T ✓ Modular EdgeQAM system, includes 1 module ✓ Two redundant IPTV inputs (900 Mbps) ✓ Supports SPTS and MPTS (also mixed) ✓ Transmodulates max. 512 input streams in 24 × DVB-C (J.83 Annex A/C) or 24 × DVB-T output channels ✓ Re-Multiplexing and PID Filtering ✓ Program duplication ✓ Device redundancy configurable (software extension required) ✓ OTA upgrade e.g. for Set Top Boxes possible ✓ Interface for CASimulcrypt Server (software extension required) ✓ Web-based configuration, suitable for AXING SMARTPortal ✓ Supports SNMPv1 and SNMPv2c ✓ 2 × redundant power supply units (also available as 36...60 VDC version) ✓ 19" housing, 1RU	7611682400021	1
MIE 48-00N MIE04800N	Same as MIE 24-00N, but includes 2 modules, thereby 2 × 512 input streams in 2 × 24 DVB-C (J.83 Annex A/C) or 2 × 24 DVB-T output channels	7611682400038	1
MIM 24-00N MIM02400N	✓ Additional 1024 input streams ✓ Additional 24 DVB-C or 24 DVB-T output channels	7611682400045	1

CHP – COMPACT HIGH PERFORMANCE HEADENDS



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Type Part No.	Product description	GTIN	PU
MIS 8-16 MIS00816	Software extension for MIE 8-00 and MIE 8-00N <ul style="list-style-type: none"> ✓ Extension from 8 to 16 x DVB-C (J.83 Annex A/C) or from 6 to 12 x DVB-T output channels ✓ Activation by means of a license file (specify serial number of the headend when purchasing) ✓ If necessary, assistance from our technical support 	–	1
MIS 1-11 MIS00111	Software extension for MIE module redundancy <ul style="list-style-type: none"> ✓ A module with MIS 1-11 installed can monitor up to five other modules and act as a backup module for these modules. ✓ If certain configurable conditions occur (input error, output error, operating voltage error, etc.), then the system switches to the backup module. 	–	1
MKS 1-02 MKS00102	Software extension for CASimulcrypt <ul style="list-style-type: none"> ✓ For MK, MIE and MIP headends ✓ Offers the possibility to encrypt programmes ✓ Requires the installation and configuration of a CAS server ✓ Activation by means of a license file (specify serial number of the headend when purchasing) 	–	1

IP to DVB-T2

MIE 4-02N MIE00402N	IP to DVB-T2 4K 47.7 Mbps <ul style="list-style-type: none"> ✓ Modular system, includes 1 module ✓ Two redundant IPTV inputs (900 Mbps) ✓ Supports SPTS and MPTS (also mixed) ✓ Transmodulates max. 512 input streams in 4 DVB-T2 output channels ✓ FFT max. 4k Bitrate max. 47.7 Mbps ✓ Re-Multiplexing and PID Filtering ✓ Program duplication ✓ Device redundancy configurable (software extension required) ✓ OTA upgrade e.g. for Set Top Boxes possible ✓ Interface for CASimulcrypt Server (software extension required) ✓ Web-based configuration, suitable for AXING SMARTPortal ✓ Supports SNMPv1 and SNMPv2c ✓ 2 x redundant power supply units ✓ 19" housing, 1RU 	7611682008708	1
MIE 8-02N MIE00802N	Same as MIE 4-02N, but includes 2 modules, thereby 2 x 512 input streams in 2 x 4 DVB-T2 output channels	7611682008722	1
MIM 4-02N MIM00402N	Extension modul for MIE 4-02N <ul style="list-style-type: none"> ✓ Extension to additional 512 input streams and additional 4 DVB-T2 output channels 	7611682008678	1
MIE 3-02N MIE00302N	IP to DVB-T2 8Kext 49.8 Mbps <ul style="list-style-type: none"> ✓ Modular system, includes 1 module ✓ Two redundant IPTV inputs (900 Mbps) ✓ Supports SPTS and MPTS (also mixed) ✓ Transmodulates max. 512 input streams in 3 DVB-T2 output channels ✓ FFT max. 8Kext Bitrate max. 49.8 Mbps ✓ Re-Multiplexing and PID Filtering ✓ Program duplication ✓ Device redundancy configurable (software extension required) ✓ OTA upgrade e.g. for Set Top Boxes possible ✓ Interface for CASimulcrypt Server (software extension required) ✓ Web-based configuration, suitable for AXING SMARTPortal ✓ Supports SNMPv1 and SNMPv2c ✓ 2 x redundant power supply units ✓ 19" housing, 1RU 	7611682008692	1
MIE 6-02N MIE00602N	Same as MIE 3-02N, but includes 2 modules, thereby 2 x 512 input streams in 2 x 3 DVB-T2 output channels	7611682008715	1
MIM 3-02N MIM00302N	Extension modul for MIE 3-02N <ul style="list-style-type: none"> ✓ Extension to additional 512 input streams and additional 3 DVB-T2 output channels 	7611682008661	1

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Type Part No.	Product description	GTIN	PU
MIE 108-02N MIE10802N	IP to DVB-T2 8Kext 49.9 Mbps <ul style="list-style-type: none"> ✓ Modular system, includes 1 module ✓ Two redundant IPTV inputs (900 Mbps) ✓ Supports SPTS and MPTS (also mixed) ✓ Transmodulates max. 512 input streams in 10 DVB-T2 output channels ✓ FFT max. 8Kext Bitrate max. 49.9 Mbps ✓ Re-Multiplexing and PID Filtering ✓ Program duplication ✓ Device redundancy configurable (software extension required) ✓ OTA upgrade e.g. for Set Top Boxes possible ✓ Interface for CASimulcrypt Server (software extension required) ✓ Class A according to EN 50083-2 ✓ Web-based configuration, suitable for AXING SMARTPortal ✓ Supports SNMPv1 and SNMPv2c ✓ 2 × redundant power supply units (also available as 36...60 VDC version) ✓ 19" housing, 1RU 	7611682400090	1
MIE 208-02N MIE20802N	Same as MIE 108-02N, but includes 2 modules, thereby 2 × 512 input streams in 2 × 10 DVB-T2 output channels	7611682400113	1
MIM 108-02N MIM10802N	Extension modul for MIE 108-02N <ul style="list-style-type: none"> ✓ Extension to additional 512 input streams and additional 10 DVB-T2 output channels 	7611682400106	1
MIE 816-02N MIE81602N	IP to DVB-T2 16Kext 50.35 Mbps <ul style="list-style-type: none"> ✓ Modular system, includes 1 module ✓ Two redundant IPTV inputs (900 Mbps) ✓ Supports SPTS and MPTS (also mixed) ✓ Transmodulates max. 512 input streams in 8 DVB-T2 output channels ✓ FFT max. 16Kext Bitrate max. 50.35 Mbps ✓ Re-Multiplexing and PID Filtering ✓ Program duplication ✓ Device redundancy configurable (software extension required) ✓ OTA upgrade e.g. for Set Top Boxes possible ✓ Interface for CASimulcrypt Server (software extension required) ✓ Class A according to EN 50083-2 ✓ Web-based configuration, suitable for AXING SMARTPortal ✓ Supports SNMPv1 and SNMPv2c ✓ 2 × redundant power supply units (also available as 36...60 VDC version) ✓ 19" housing, 1RU 	7611682400120	1
MIE 1616-02N MIE161602N	Same as MIE 816-02N, but includes 2 modules, thereby 2 × 512 input streams in 2 × 8 DVB-T2 output channels	7611682400144	1
MIM 816-02N MIM81602N	Extension modul for MIE 816-02N <ul style="list-style-type: none"> ✓ Extension to additional 512 input streams and additional 8 DVB-T2 output channels 	7611682400137	1

CHP – COMPACT HIGH PERFORMANCE HEADENDS

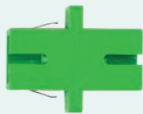
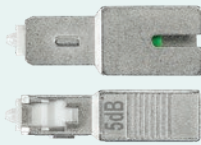
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Type Part No.	Product description	GTIN	PU
MIE 432-02N MIE43202N	IP to DVB-T2 32Kext 50.34 Mbps <ul style="list-style-type: none"> ✓ Modular system, includes 1 module ✓ Two redundant IPTV inputs (900 Mbps) ✓ Supports SPTS and MPTS (also mixed) ✓ Transmodulates max. 512 input streams in 4 DVB-T2 output channels ✓ FFT max. 32Kext Bitrate max. 50.34 Mbps ✓ Re-Multiplexing and PID Filtering ✓ Program duplication ✓ Device redundancy configurable (software extension required) ✓ OTA upgrade e.g. for Set Top Boxes possible ✓ Interface for CASimulcrypt Server (software extension required) ✓ Class A according to EN 50083-2 ✓ Web-based configuration, suitable for AXING SMARTPortal ✓ Supports SNMPv1 and SNMPv2c ✓ 2 x redundant power supply units (also available as 36...60 VDC version) ✓ 19" housing, 1RU 	7611682400151	1
MIE 832-02N MIE83202N	Same as MIE 432-02N, but includes 2 modules, thereby 2 x 512 input streams in 2 x 4 DVB-T2 output channels	7611682400175	1
MIM 432-02N MIM43202N	Extension modul for MIE 432-02N <ul style="list-style-type: none"> ✓ Extension to additional 512 input streams and additional 4 DVB-T2 output channels 	7611682400168	1
MIS 1-11 MIS00111	Software extension for MIE module redundancy <ul style="list-style-type: none"> ✓ A module with MIS 1-11 installed can monitor up to five other modules and act as a backup module for these modules. ✓ If certain configurable conditions occur (input error, output error, operating voltage error, etc.), then the system switches to the backup module. 	–	1
MKS 1-02 MKS00102	Software extension for CASimulcrypt <ul style="list-style-type: none"> ✓ For MK, MIE and MIP headends ✓ Offers the possibility to encrypt programmes ✓ Requires the installation and configuration of a CAS server ✓ Activation by means of a license file (specify serial number of the headend when purchasing) 	–	1



Type Part No.	Product description	GTIN	PU
Optical distribution SAT HFC			
Optical distribution SAT - SC/APC			
OTX 51-00 OTX05100	Optical transmitter <ul style="list-style-type: none"> ✓ For optical transmission of satellite signals and max. 16 channels/carriers (DVB-C, DAB+, DVB-T/T2, FM) ✓ Incoming RF signals are converted into optical signals ✓ Automatic gain control ✓ 1 optical output (SC/APC) ✓ 5 cascade RF outputs 	7611682006919	1
ORX 14-00 ORX01400	Optical receiver Quad <ul style="list-style-type: none"> ✓ For receiving optical signals ✓ Converts optical signals into four independent subscriber outputs (SAT + TERR) ✓ For connection of four end devices (receivers) ✓ Power supply via receiver or external power supply unit (not included in delivery) 	7611682008111	1
ORX 14-01 ORX01401	Optical receiver Single cable /SCR/CSS) <ul style="list-style-type: none"> ✓ For receiving optical signals ✓ Converts optical signals into 2 outputs with 16 user bands each ✓ Single cable I and II compatible (according to EN 50607 and EN 50494) ✓ In addition, 2 legacy outputs are available ✓ Power supply via external power supply unit (not included) 	7611682008128	1
ORX 15-00 ORX01500	Optical receiver Quattro <ul style="list-style-type: none"> ✓ For the reception of optical signals ✓ Converts optical signals into SAT IF (with fixed satellite polarisation planes) and CATV signals ✓ To connect to a multiswitch ✓ Power supply via multiswitch 	7611682006926	1
Optical distribution Accessories			
OVE 2-03 OVE00203	Optical 2-way splitter <ul style="list-style-type: none"> ✓ For distribution of optical signals ✓ With SC/APC connectors female 	7611682007008	1
OVE 3-03 OVE00303	Same as OVE 2-03, but 3-way	7611682007015	1
OVE 4-03 OVE00403	Same as OVE 2-03, but 4-way	7611682007022	1
OVE 8-03 OVE00803	Same as OVE 2-03, but 8-way	7611682007039	1
OAK 1-03 OAK00103	Optic cable <ul style="list-style-type: none"> ✓ 1 m in polybag ✓ Assembled with SC / APC plugs ✓ Type single-mode ✓ Colour grey 	7611682006940	1
OAK 5-03 OAK00503	Same as OAK 1-03, but 5 m	7611682006957	1
OAK 10-03 OAK01003	Same as OAK 1-03, but 10 m and steel armoured	7611682006964	1
OAK 50-03 OAK05003	Same as OAK 1-03, but 50 m and steel armoured	7611682006971	1
OAK 100-03 OAK10003	Same as OAK 1-03, but 100 m on wooden drum and steel armoured	7611682006988	1
OAK 500-03 OAK50003	Same as OAK 1-03, but 500 m on wooden drum and steel armoured	7611682006995	1



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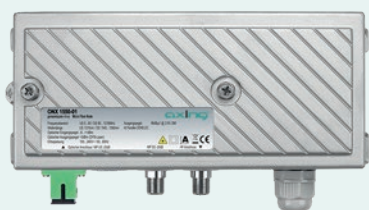


Type Part No.	Product description	GTIN	PU
OZU 3-01 OZU00301	Optical attenuator 1 dB ✓ SC/APC connectors ✓ To attenuate the optical power level	7611682007251	1
OZU 3-03 OZU00303	Same as OZU 3-01, but 3 dB through loss	7611682007268	1
OZU 3-05 OZU00305	Same as OZU 3-01, but 5 dB through loss	7611682007053	1
OZU 3-10 OZU00310	Same as OZU 3-01, but 10 dB through loss	7611682007060	1
OZU 3-15 OZU00315	Same as OZU 3-01, but 15 dB through loss	7611682007077	1
OZU 3-20 OZU00320	Same as OZU 3-01, but 20 dB through loss	7611682007084	1
OZU 1-03 OZU00103	Optical joint ✓ SC/APC connector ✓ female female	7611682007046	1
OZU 5-00 OZU00500	Optical adapter FC/PC to SC/APC ✓ FC/PC female SC/APC male ✓ For connecting an FC/PC cable to an device with female SC/APC connector	7611682007169	1

Optical distribution | HFC

OTX 1550-10 OTX155010	Optical CATV transmitter 1550 nm 47 ... 1006 MHz ✓ Frequency range 47 ... 1006 MHz ✓ Two inputs with 50 dB isolation for high-quality RF feed-in ✓ Optical wavelength 1550 nm ✓ Optical output power 10 dBm ✓ Electronic compensation of fibre dispersion ✓ Transmission distance up to 50 km ✓ Optical connection SC/APC ✓ Two redundant power supplies	7611682009774	1
ORX 1310-00 ORX131000	Four-way Upstream Optical Receiver 1310 nm 5 ... 204 MHz ✓ Optical wavelength 1310 nm ✓ AGC in the range -10 ... 0 dBm ✓ Optical connection SC/APC ✓ Output frequency range 5 ... 204 MHz ✓ Output level 100 dBµV ✓ Two redundant power supply units ✓ 19" housing, 1RU	7611682009941	1
OMX 1513-01 OMX151301	Optical de-/multiplexer 1310/1550 nm ✓ Multiplex signals with 1310 nm and 1550 nm on one optical fibre ✓ Demultiplex signals with 1310 nm and 1550 nm from one optical fibre to two outputs ✓ Low insertion loss ✓ High isolation	7611682400182	1

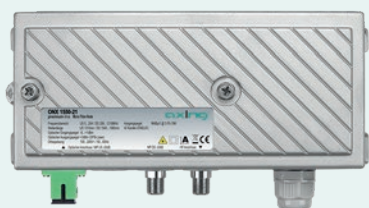
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Type Part No.	Product description	GTIN	PU
ONX 1550-01 ONX155001	Micro Fibre Node 85...1218 MHz/5...65 MHz (1310 nm) ✓ For FTTH/FTTB applications/RFoG networks ✓ Low noise optical receiver ✓ Constant RF output level for the wide optical operating range, OLC function ✓ Adjustable interstage equalization ✓ Adjustable upstream attenuation ✓ DFB Laser (CW mode/Burst mode) ✓ Local power supply ✓ Al-die-cast housing ✓ Testports for up- and downstream	7611682006841	1
ONX 1550-02 ONX155002	Same as ONX 1550-01, but US 1610 nm	Auf Anfrage	1
ONX 1550-03 ONX155003	Same as ONX 1550-01, but FB laser	Auf Anfrage	1
ONX 1550-11 ONX155011	Micro Fibre Node 102...1218 MHz/5...85 MHz (1310 nm) ✓ For FTTH/FTTB applications/RFoG networks ✓ Low noise optical receiver ✓ Constant RF output level for the wide optical operating range, OLC function ✓ Adjustable interstage equalization ✓ Adjustable upstream attenuation ✓ DFB Laser (CW mode/Burst mode) ✓ Local power supply ✓ Al-die-cast housing ✓ Testports for up- and downstream	Auf Anfrage	1
ONX 1550-12 ONX155012	Same as 1550-11, but US 1610 nm	Auf Anfrage	1
ONX 1550-21 ONX155021	Micro Fibre Node ✓ For FTTH/FTTB applications/RFoG networks ✓ Low noise optical receiver ✓ Constant RF output level for the wide optical operating range, OLC function ✓ Adjustable interstage equalization ✓ Adjustable upstream attenuation ✓ DFB Laser (CW mode/Burst mode) ✓ Local power supply ✓ Al-die-cast housing ✓ Testports for up- and downstream	Auf Anfrage	1
ONX 1550-22 ONX155022	Same as ONX 1550-21, but 1610 nm	Auf Anfrage	1
Optical distribution SAT - FC/PC			
OVE 2-01 OVE00201	Optical 2-way splitter ✓ For distribution of optical signals ✓ With FC/PC connectors female	7611682003109	1
OVE 3-01 OVE00301	Same as OVE 2-01, but 3-way	7611682003116	1
OVE 4-01 OVE00401	Same as OVE 2-01, but 4-way	7611682003123	1
OVE 8-01 OVE00801	Same as OVE 2-01, but 8-way	7611682003130	1
OVE 2-02 OVE00202	Optical 2-way splitter ✓ For distribution of optical signals ✓ With 1 m pigtails with FC/PC connectors male	7611682003628	1
OVE 3-02 OVE00302	Same as OVE 2-02, but 3-way	7611682003635	1
OVE 4-02 OVE00402	Same as OVE 2-02, but 4-way	7611682003642	1
OVE 8-02 OVE00802	Same as OVE 2-02, but 8-way	7611682003659	1



Type Part No.	Product description	GTIN	PU
OAK 10-01 OAK01001	Optic cable steel armoured ✓ 10 m in polybag ✓ FC/PC male ✓ Colour gray	7611682002973	1
OAK 50-01 OAK05001	Same as OAK 10-01, but 50 m	7611682003000	1
OAK 200-01 OAK20001	Same as OAK 10-01, but 200 m on wooden drum	7611682003024	1
OAK 1-02 OAK00102	Optic cable ✓ 1 m in polybag ✓ FC/PC male ✓ Colour white	7611682003529	1
OAK 5-02 OAK00502	Same as OAK 1-02, but 5 m	7611682003536	1
OAK 10-02 OAK01002	Same as OAK 1-02, but 10 m	7611682003550	1
OAK 20-02 OAK02002	Same as OAK 1-02, but 20 m	7611682003567	1
OAK 100-02 OAK10002	Same as OAK 1-02, but 100 m on plastic drum	7611682003598	1
OAK 200-02 OAK20002	Same as OAK 1-02, but 200 m on plastic drum	7611682003604	1
OAK 500-02 OAK50002	Same as OAK 1-02, but 500 m on wooden drum	7611682003611	1

Type Part No.	Product description	GTIN	PU
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Amplifiers

CATV | premium-line | 1006 MHz | Vodafone listed



BVS 14-69N BVS01469N	CATV amplifier 40 dB 111 dBμV CSO/CTB <ul style="list-style-type: none"> ✓ KDG 1 TS140: D(4.4) ✓ GaAs technology ✓ Downstream 85...1218 MHz ✓ Attenuation and equalization adjustable with PCB switches ✓ Interstage attenuation and equalization pluggable with jumpers ✓ Upstream 5...65 MHz ✓ Active/passive pluggable with jumpers ✓ Attenuation adjustable with PCB switch ✓ Interstage attenuation and equalization pluggable with jumpers ✓ Al-die-cast housing ✓ Test ports at in- and output ✓ Vodafone listed 	7611682008296	1
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BVS 20-69N BVS02069N	CATV amplifier 38 dB 107 dBμV CSO/CTB <ul style="list-style-type: none"> ✓ KDG 1 TS 140: D(4.3) ✓ Downstream 85...1006 MHz ✓ Attenuation and equalization adjustable ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Upstream 5...65 MHz ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Al-die-cast housing ✓ Test ports at in- and output ✓ Vodafone listed 	7611682008203	1
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BVS 15-68 BVS01568	CATV amplifier 38 dB 100 dBμV CSO/CTB <ul style="list-style-type: none"> ✓ KDG 1 TS 140: C(4.2) ✓ Downstream 85...1006 MHz ✓ Attenuation and equalization adjustable ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Upstream 5...65 MHz ✓ Return path attenuation adjustable ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Al-die-cast/plastic housing ✓ Test ports at in- and output ✓ Vodafone listed 	7611682003710	1
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BVS 12-69N BVS01269N	CATV amplifier 20 dB 100 dBμV CSO/CTB <ul style="list-style-type: none"> ✓ KDG 1 TS 140: B(1.2) ✓ Downstream 85...1006 MHz ✓ Adjustable attenuator and equalizer ✓ Upstream 5...65 MHz ✓ Adjustable attenuator ✓ Al-die-cast/plastic housing ✓ Vodafone listed 	7611682004816	1
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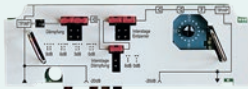
BVS 13-69N BVS01369N	CATV amplifier 30 dB 100 dBμV CSO/CTB <ul style="list-style-type: none"> ✓ KDG 1 TS 140: B(3.2) ✓ Downstream 85...1006 MHz ✓ Adjustable attenuator and equalizer ✓ Upstream 5...65 MHz ✓ Adjustable attenuator ✓ Al-die-cast/plastic housing ✓ Vodafone listed 	7611682004823	1
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CATV amplifiers | premium-line | 1006 MHz



BVS 13-68 BVS01368	CATV amplifier 30 dB 100 dBμV CSO/CTB <ul style="list-style-type: none"> ✓ Downstream 85...1006 MHz ✓ Attenuation and equalization adjustable ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Upstream 5...65 MHz ✓ Attenuation adjustable ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Al-die-cast/plastic housing ✓ Test ports at in- and output 	7611682003703	1
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Type Part No.	Product description	GTIN	PU
BVS 20-00 BVS02000	CATV amplifier 36 dB 107 dBμV CSO/CTB <ul style="list-style-type: none"> ✓ Downstream 85 ... 1006 MHz ✓ Attenuation and equalization adjustable PCB switches ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Upstream via pluggable return path module 5...65 MHz (not included in delivery) ✓ Al-die-cast housing ✓ Test ports at in- and output 	7611682001587	1
BVS 20-46 BVS02046	CATV amplifier 30 dB 107 dBμV CSO/CTB <ul style="list-style-type: none"> ✓ Downstream 47/85...1006 MHz ✓ Attenuation and equalization adjustable PCB switches ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Upstream via pluggable return path module 5...65 MHz (not included in delivery) ✓ Al-die-cast housing ✓ Test ports at in- and output 	7611682003444	1
BVS 20-47 BVS02047	CATV amplifier 36 dB 107 dBμV CSO/CTB <ul style="list-style-type: none"> ✓ Downstream 47/85...1006 MHz ✓ Attenuation and equalization adjustable PCB switches ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Upstream via pluggable return path module 5...65 MHz (not included in delivery) ✓ Al-die-cast housing ✓ Test ports at in- and output 	7611682003215	1
BZU 20-65 BZU02065	Return path module, active <ul style="list-style-type: none"> ✓ 5...65 MHz ✓ Gain 30 dB ✓ For BVS 20-00, BVS 20-46, BVS 20-47 	7611682002164	1
CATV amplifier premium-line 1006 MHz Remote power supply			
BVS 14-66 BVS01466	CATV amplifier 40 dB 111 dBμV CSO/CTB <ul style="list-style-type: none"> ✓ Remote power supply at input/output ✓ GaAs technology ✓ Downstream 85...1006 MHz ✓ Attenuation/equalization adjustable with PCB switches ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Cable simulator BZU 80-02 pluggable ✓ Upstream 5...65 MHz ✓ Active/passive pluggable with jumpers ✓ Attenuation adjustable with PCB switch ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Al-die-cast housing ✓ Test ports at in- and output 	7611682004052	1
BZU 80-02 BZU08002	Cable simulator <ul style="list-style-type: none"> ✓ For BVS 14-66 ✓ 0...10 dB ✓ Vodafone listed 	7611682004069	1
BVS 20-66 BVS02066	CATV amplifier 38 dB 107 dBμV CSO/CTB <ul style="list-style-type: none"> ✓ Remote power supply at input/output ✓ Downstream 85...1006 MHz ✓ Attenuation and equalization adjustable ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Upstream 5...65 MHz ✓ Interstage attenuation/equalization pluggable with jumpers ✓ Al-die-cast housing ✓ Test ports at in- and output 	7611682003345	1



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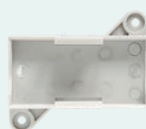


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Type Part No.	Product description	GTIN	PU
CATV cabinets			
BZU 40-08 BZU04008	Cabinet CATV max. 8 subscribers pre-assembled <ul style="list-style-type: none"> ✓ 1 × BVS 13-69N CATV amplifier 30 dB 100 dBµV CSO/CTB ✓ 1 × BVE 8-02P 8-way splitter 5...1218 MHz ✓ 1 × QEW 9-50 Earthing angle ✓ 1 × MAK 20-80 Patch cable ✓ 9 × MAK 30-80 Patch cable ✓ 1 × SZU 89-04 Double power socket ✓ 1 × QAS 4045 Mounting cabinet 	7611682004694	1
BZU 40-16 BZU04016	Cabinet CATV max. 16 subscribers pre-assembled <ul style="list-style-type: none"> ✓ 1 × BVS 20-69 CATV amplifier 38 dB 107 dBµV CSO/CTB ✓ 2 × BVE 8-02P 8-way splitter 5...1218 MHz ✓ 1 × BVE 2-01P 2-way splitter 5...1218 MHz ✓ 1 × QEW 17-50 Earthing angle ✓ 19 × MAK 20-80 Patch cable ✓ 1 × MAK 30-80 Patch cable ✓ 1 × SZU 89-04 Double power socket ✓ 1 × QAS 4045 Mounting cabinet 	7611682004700	1
CATV amplifiers basic-line 1218 MHz			
BVS 1-01P BVS00101P	CATV subscriber amplifier <ul style="list-style-type: none"> ✓ Downstream 258 ... 1218 MHz ✓ Gain 15 dB ✓ Upstream 5 ... 204 MHz ✓ Bidirectional passive -1 dB 	7611682400229	1
CATV amplifiers basic-line 862 MHz			
BVS 2-01 BVS00201	CATV amplifier 25 98 dBµV <ul style="list-style-type: none"> ✓ Downstream 47...862 MHz ✓ Adjustable attenuator and equalizer 	7611682030020	1
BVS 2-65 BVS00265	CATV amplifier 25 dB 98 dBµV <ul style="list-style-type: none"> ✓ Downstream 85...862 MHz ✓ Adjustable attenuator and equalizer ✓ Upstream 5...65 MHz, passive 	7611682032024	1
BVS 3-01 BVS00301	CATV amplifier 30 dB 98 dBµV 862 MHz <ul style="list-style-type: none"> ✓ Downstream 47...862 MHz ✓ Adjustable attenuator and equalizer ✓ Upstream 5...30 MHz, passive 	7611682031034	1
BVS 3-65 BVS00365	CATV amplifier 30 dB 98 dBµV <ul style="list-style-type: none"> ✓ Downstream 85...862 MHz ✓ Adjustable attenuator and equalizer ✓ Upstream 5...65 MHz, passive 	7611682034035	1
TVS 10-00 TVS01000	Broadband amplifier <ul style="list-style-type: none"> ✓ For small CATV networks ✓ 47...862 MHz ✓ Adjustable attenuator ✓ Incl. 2 adapters (IEC-male / F-male) 	7611682060102	1

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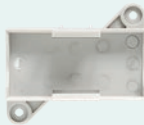


Type Part No.	Product description	GTIN	PU
BVS 10-00 BVS01000	CATV inline amplifier 20 dB 862 MHz ✓ Remote power supply via input or output ✓ Mounting bracket ✓ Die-cast housing	7611682031003	1
BVS 10-01 BVS01001	Amplifier set ✓ Amplifier BVS 10-00 ✓ Power supply TZU 11-04 ✓ Power inserter TZU 15-04 ✓ Mounting bracket TZU 14-00	7611682031010	1
BVS 10-30 BVS01030	CATV inline amplifier 30 dB ✓ Remote power supply via input or output ✓ 47...862 MHz ✓ Mounting bracket ✓ Die-cast housing ✓ With adjustable attenuator - for indoor use only	7611682000313	1
BVS 10-02 BVS01002	CATV inline amplifier 10 dB ✓ 47...862 MHz ✓ In die-cast housing ✓ Remote feedable	7611682031041	1
TZU 14-00 TZU01400	Mounting bracket ✓ For miniature inline amplifiers (e.g. BVS 10-xx/SVS 2-xx)	7611682007145	1
TVS 14-00 TVS01400	CATV Distribution amplifier ✓ For small CATV networks ✓ To plug on to a wall outlet ✓ 4-way distribution	7611682000368	1
TVS 16-00 TVS01600	CATV Distribution amplifier ✓ For small CATV networks ✓ To plug on to a wall outlet ✓ 47...862 MHz ✓ 6-way distribution	7611682060164	1
TVS 8-01 TVS00801	CATV amplifier for inhouse distribution ✓ 47...862 MHz ✓ 2-way distribution	7611682060089	1
TVS 9-02 TVS00902	CATV amplifier for inhouse distribution ✓ 47...862 MHz ✓ 3-way distribution	7611682060096	1
TVS 21-00 TVS02100	CATV amplifier for inhouse distribution ✓ 47...862 MHz ✓ 2-way distribution ✓ Plug-on type on antenna wall outlets ✓ Incl. power supply	7611682000337	1
SAT amplifiers			
SVS 1-00 SVS00100	SAT wideband amplifier ✓ Can be used as inline amplifier for combined terrestrial, CATV and satellite TV signals ✓ 47...2200 MHz ✓ 18...25 dB ✓ 22 kHz-compatible ✓ DiSEqC-compatible ✓ Unicable-compatible	7611682150018	1

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Type Part No.	Product description	GTIN	PU
SVS 2-01 SVS00201	SAT inline amplifier 950...2400 MHz 20 dB ✓ DC bypass ✓ 22 kHz-compatible ✓ DiSEqC-compatible ✓ Unicable-compatible ✓ The amplifier is powered through the coaxial cable	7611682151022	1
SVS 2-02 SVS00202	Same as SVS 2-0, but 47...2400 MHz 16...20 dB	7611682152029	1
SVS 2-04 SVS00204	Same as SVS 2-0, but 47...2400 MHz 10 dB	7611682000221	1
SVS 2-05 SVS00205	Same as SVS 2-0, but 47...2400 MHz 8...15 dB	7611682003338	1
SVS 4-00 SVS00400	Same as SVS 2-0, but 47...862 MHz 950...2400 MHz 12...14 dB 14...17 dB	7611682150049	1
TZU 14-00 TZU01400	Mounting bracket ✓ For miniature inline amplifiers (e.g. BVS 10-xx/SVS 2-xx)	7611682007145	1
SVS 440-06 SVS44006	Wideband headamplifier 4 in 4 ✓ 4 × SAT 250...2400 MHz ✓ Gain 14...20 dB ✓ Input attenuators 0...15 dB ✓ External power supply SZU 99-06 needed (not included in delivery)	7611682006858	1



Type Part No.	Product description	GTIN	PU
Mechanical accessories			
Mounting cabinet			
QAS 3045 QAS3045	Mounting cabinet 300 x 400 x 200 mm ✓ Steel plate cabinet with recessed, removable door ✓ Surface powder-coated ✓ Colour: RAL 7035 ✓ Four-way locking incl. locking cylinder and 2 x key ✓ Incl. perforated mounting plate and earthing cable	7611682007589	1
QAS 4045 QAS4045	Same as QAS 3045, but 400 x 400 x 200 mm	7611682007596	1
QAS 4065 QAS4065	Same as QAS 3045, but 400 x 600 x 200 mm	7611682007602	1
QAS 6065 QAS6065	Same as QAS 3045, but 600 x 600 x 200 mm	7611682007619	1
QAS 6085 QAS6085	Same as QAS 3045, but 600 x 800 x 200 mm	7611682007626	1
QAS6010501 QAS6010501	Mounting cabinet 600 x 1000 x 200 mm ✓ Steel plate cabinet with recessed, removable door ✓ Surface powder-coated ✓ Colour: RAL 7035 ✓ Four-way locking incl. locking cylinder and 2 x key ✓ Incl. perforated mounting plate and earthing cable	7611682004113	1
QAS8010501 QAS8010501	Mounting cabinet 800 x 1000 x 200 mm ✓ Steel plate cabinet with recessed, removable door ✓ Surface powder-coated ✓ Colour: RAL 7035 ✓ Four-way locking incl. locking cylinder and 2 x key ✓ Incl. perforated mounting plate and earthing cable	7611682004144	1
Perforated mounting plate			
QMP 3045 QMP3045	Perforated mounting plate 300 x 400 mm ✓ Galvanised sheet steel 1.5 mm ✓ Hole diameter 3 mm, hole spacing 5 mm	7611682007633	1
QMP 4045 QMP4045	Same as QMP 3045, but 400 x 400 mm	7611682007640	1
QMP 4065 QMP4065	Same as QMP 3045, but 400 x 600 mm	7611682007657	1
QMP 601-05 QMP60105	Same as QMP 3045, but 600 x 1000 mm	7611682007664	1
QMP 6065 QMP6065	Same as QMP 3045, but 600 x 600 mm	7611682007671	1
QMP 6085 QMP6085	Same as QMP 3045, but 600 x 600 mm	7611682007688	1
19" Racks			
QRA 200 QRA00200	19" Rack 2 RU ✓ Steplessly adjustable depth 22 to 40 cm ✓ Including screws, cage nuts and wall mounting ✓ Material: sturdy sheet steel, surface powder-coated	7611682007725	1
QRA 400 QRA00400	Same as QRA 400, but 4 RU	7611682007732	1
SWZ 4-00 SWZ00400		7611682007749	1

NEW NEU 23

Vodafone Gelistet | Listed

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NEW NEU 23

Vodafone Gelistet | Listed

KLASSE A CLASS +10 dB



NEW NEU 23

Vodafone Gelistet | Listed

KLASSE A CLASS +10 dB



Type Part No.	Product description	GTIN	PU
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Splitters and Taps

Splitters CATV | premium-line | 1800 MHz

BVE 2-01X BVE00201X	2-way splitter 4 dB 5 ... 1800 MHz housing design 01 <ul style="list-style-type: none"> ✓ Suitable for DOCSIS 3.1 and 4.0 ✓ Class A (+10 dB) according to EN 50083-2 ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ High return loss and isolation ✓ Vodafone listed 	7611682009644	1
BVE 3-01X BVE00301X	Same as BVE 2-01X, but 3-way splitter, 6 dB distribution loss	7611682009651	1
BVE 4-01X BVE00401X	Same as BVE 2-01X, but 4-way splitter, 7.5 dB distribution loss	7611682009675	1
BVE 6-01X BVE00601X	Same as BVE 2-01X, but 6-way splitter, 9.5 dB distribution loss	7611682009699	1
BVE 8-01X BVE00801X	Same as BVE 2-01X, but 8-way splitter, 11 dB distribution loss	7611682009712	1
BVE 4-02X BVE00402X	4-way splitter 7.5 dB 5 ... 1800 MHz housing design 02 <ul style="list-style-type: none"> ✓ Suitable for DOCSIS 3.1 and 4.0 ✓ Class A (+10 dB) according to EN 50083-2 ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ High return loss and isolation ✓ Vodafone listed 	7611682009682	1
BVE 6-02X BVE00602X	Same as BVE 4-02X, but 6-way splitter, 9.5 dB distribution loss	7611682009705	1
BVE 8-02X BVE00802X	Same as BVE 4-02X, but 8-way splitter, 11 dB distribution loss	7611682009729	1
BVE 3-02X BVE00302X	3-way splitter (asymmetrical) 4.5/8/8 dB 5 ... 1800 MHz housing design 01 <ul style="list-style-type: none"> ✓ Suitable for DOCSIS 3.1 and 4.0 ✓ Class A (+10 dB) according to EN 50083-2 ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ High return loss and isolation ✓ Vodafone listed 	7611682009668	1

SPLITTERS AND TAPS

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+ 10 dB



NEU
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Vodafone
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KLASSE
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CLASS

+ 10 dB



NEU
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Vodafone
Gelistet | Listed

KLASSE
A
CLASS

+ 10 dB



Type Part No.	Product description	GTIN	PU
Taps CATV premium-line 1800 MHz			
BAB 1-06X BAB00106X	1-way tap 6 dB 5 ... 1800 MHz housing design 01 <ul style="list-style-type: none"> ✓ Suitable for DOCSIS 3.1 and 4.0 ✓ Class A (+10 dB) according to EN 50083-2 ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ High return loss and isolation ✓ Vodafone listed 	7611682009224	1
BAB 1-08X BAB00108X	Same as BAB 1-06X, but 8 dB tap loss	7611682009231	1
BAB 1-10X BAB00110X	Same as BAB 1-06X, but 10 dB tap loss	7611682009248	1
BAB 1-12X BAB00112X	Same as BAB 1-06X, but 12 dB tap loss	7611682009255	1
BAB 1-16X BAB00116X	Same as BAB 1-06X, but 16 dB tap loss	7611682009262	1
BAB 1-20X BAB00120X	Same as BAB 1-06X, but 20 dB tap loss	7611682009279	1
BAB 1-24X BAB00124X	Same as BAB 1-06X, but 24 dB tap loss	7611682009286	1
BAB 2-08X BAB00208X	2-way tap 8 dB 5 ... 1800 MHz housing design 01 <ul style="list-style-type: none"> ✓ Suitable for DOCSIS 3.1 and 4.0 ✓ Class A (+10 dB) according to EN 50083-2 ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ High return loss and isolation ✓ Vodafone listed 	7611682009309	1
BAB 2-10X BAB00210X	Same as BAB 2-08X, but 10 dB tap loss	7611682009316	1
BAB 2-11X BAB00211X	Same as BAB 2-08X, but 11 dB tap loss	7611682009323	1
BAB 2-12X BAB00212X	Same as BAB 2-08X, but 12 dB tap loss	7611682009330	1
BAB 2-14X BAB00214X	Same as BAB 2-08X, but 14 dB tap loss	7611682009347	1
BAB 2-16X BAB00216X	Same as BAB 2-08X, but 16 dB tap loss	7611682009354	1
BAB 2-17X BAB00217X	Same as BAB 2-08X, but 17 dB tap loss	7611682009361	1
BAB 2-20X BAB00220X	Same as BAB 2-08X, but 20 dB tap loss	7611682009378	1
BAB 2-23X BAB00223X	Same as BAB 2-08X, but 23 dB tap loss	7611682009385	1
BAB 2-24X BAB00224X	Same as BAB 2-08X, but 24 dB tap loss	7611682009194	1
BAB 6-03X BAB00603X	6-way tap 13 ... 18 dB 5 ... 1800 MHz housing design 03 <ul style="list-style-type: none"> ✓ Suitable for DOCSIS 3.1 and 4.0 ✓ Class A (+10 dB) according to EN 50083-2 ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ High return loss and isolation ✓ Vodafone listed 	7611682009613	1
BAB 8-03X BAB00803X	Same as BAB 6-03X, but 8-way tap, 13 ... 20 dB tap loss	7611682009637	1



Type Part No.	Product description	GTIN	PU
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Splitters CATV | premium-line | 1218 MHz

BVE 2-01P BVE00201P	2-way splitters 5...1218 MHz housing design 01 <ul style="list-style-type: none"> ✓ High return loss ✓ For multimedia-use ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ Class A (+10 dB) according to EN 50083-2 ✓ Return loss and isolation according to VFKD TS 220 ✓ Vodafone listed 	7611682005592	1
BVE 3-01P BVE00301P	Same as BVE 2-01P, but 3-way splitter	7611682005608	1
BVE 4-01P BVE00401P	Same as BVE 2-01P, but 4-way splitter	7611682005615	1
BVE 6-01P BVE00601P	Same as BVE 2-01P, but 6-way splitter	7611682005622	1
BVE 8-01P BVE00801P	Same as BVE 2-01P, but 8-way splitter	7611682005639	1
BVE 4-02P BVE00402P	4-way splitter 5...1218 MHz housing design 02 <ul style="list-style-type: none"> ✓ High return loss ✓ For multimedia-use ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ Class A (+10 dB) according to EN 50083-2 ✓ Return loss and isolation according to VFKD TS 220 ✓ Vodafone listed 	7611682006216	1
BVE 6-02P BVE00602P	Same as BVE 4-02P, but 6-way splitter	7611682006223	1
BVE 8-02P BVE00802P	Same as BVE 4-02P, but 8-way splitter	7611682006230	1

Taps CATV | premium-line | 1218 MHz

BAB 1-06P BAB00106P	1-way tap 6 dB 5...1218 MHz housing design 01 <ul style="list-style-type: none"> ✓ High return loss ✓ For multimedia-use ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ Class A (+10 dB) according to EN 50083-2 ✓ Return loss and isolation according to VFKD TS 220 ✓ Vodafone listed 	7611682005646	1
BAB 1-08P BAB00108P	Same as BAB 1-06P, but 8 dB tap loss	7611682005653	1
BAB 1-10P BAB00110P	Same as BAB 1-06P, but 10 dB tap loss	7611682005660	1
BAB 1-12P BAB00112P	Same as BAB 1-06P, but 12 dB tap loss	7611682005677	1
BAB 1-16P BAB00116P	Same as BAB 1-06P, but 16 dB tap loss	7611682005684	1
BAB 1-20P BAB00120P	Same as BAB 1-06P, but 20 dB tap loss	7611682005691	1
BAB 1-24P BAB00124P	Same as BAB 1-06P, but 24 dB tap loss	7611682005707	1

SPLITTERS AND TAPS

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Type Part No.	Product description	GTIN	PU
BAB 2-08P BAB00208P	2-way tap 8 dB 5...1218 MHz housing design 01 <ul style="list-style-type: none"> ✓ High return loss ✓ For multimedia-use ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ Class A (+10 dB) according to EN 50083-2 ✓ Return loss and isolation according to VFKD TS 220 ✓ Vodafone listed 	7611682005714	1
BAB 2-10P BAB00210P	Same as BAB 2-08P, but 10 dB tap loss	7611682005721	1
BAB 2-12P BAB00212P	Same as BAB 2-08P, but 12 dB tap loss	7611682005738	1
BAB 2-16P BAB00216P	Same as BAB 2-08P, but 16 dB tap loss	7611682005745	1
BAB 2-20P BAB00220P	Same as BAB 2-08P, but 20 dB tap loss	7611682005752	1
BAB 2-24P BAB00224P	Same as BAB 2-08P, but 24 dB tap loss	7611682005769	1
BAB 3-10P BAB00310P	3-way tap 10 dB 5...1218 MHz housing design 01 <ul style="list-style-type: none"> ✓ High return loss ✓ For multimedia-use ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ Class A (+10 dB) according to EN 50083-2 ✓ Return loss and isolation according to VFKD TS 220 ✓ Vodafone listed 	7611682005776	1
BAB 3-12P BAB00312P	Same as BAB 3-10P, but 12 dB tap loss	7611682005783	1
BAB 3-16P BAB00316P	Same as BAB 3-10P, but 16 dB tap loss	7611682005790	1
BAB 3-20P BAB00320P	Same as BAB 3-10P, but 20 dB tap loss	7611682005806	1
BAB 3-24P BAB00324P	Same as BAB 3-10P, but 24 dB tap loss	7611682005813	1
BAB 4-12P BAB00412P	4-way tap 12 dB 5...1218 MHz housing design 01 <ul style="list-style-type: none"> ✓ High return loss ✓ For multimedia-use ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ Class A (+10 dB) according to EN 50083-2 ✓ Return loss and isolation according to VFKD TS 220 ✓ Vodafone listed 	7611682005820	1
BAB 4-16P BAB00416P	Same as BAB 4-12P, but 16 dB tap loss	7611682005837	1
BAB 4-20P BAB00420P	Same as BAB 4-12P, but 20 dB tap loss	7611682005844	1
BAB 4-24P BAB00424P	Same as BAB 4-12P, but 24 dB tap loss	7611682005851	1
BAB 4-01P BAB00401P	4-way tap 12.5...15.5 dB 5...1218 MHz housing design 02 <ul style="list-style-type: none"> ✓ High return loss ✓ For multimedia-use ✓ Inputs and outputs hum-suppressed ✓ High intermodulation suppression ✓ Class A (+10 dB) according to EN 50083-2 ✓ Return loss and isolation according to VFKD TS 220 ✓ Vodafone listed 	7611682005929	1
BAB 6-01P BAB00601P	Same as BAB 4-01P, but 6-way tap, 12.5 ... 17.5 dB tap loss	7611682005936	1
BAB 8-01P BAB00801P	Same as BAB 4-01P, but 8-way tap, 12.5...19.5 dB tap loss	7611682005943	1



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+ 10 dB



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Type Part No.	Product description	GTIN	PU
BAB 4-02P BAB00402P	4-way terminal taps 13.0...14.5 dB 5...1218 MHz housing design 02 <ul style="list-style-type: none"> ✓ High return loss ✓ For multimedia-use ✓ Inputs hum-suppressed ✓ High intermodulation suppression ✓ Screening factor Class A +10 dB, according to EN 50083-2 ✓ Return loss and isolation according to VFKD TS 220 ✓ Vodafone listed 	7611682006339	1
BAB 6-02P BAB00602P	Same as BAB 4-02P, but 6-way tap, 13.0...15.5 dB tap loss	7611682006346	1
BAB 8-02P BAB00802P	Same as BAB 4-02P, but 8-way tap, 13.0...16.5 dB tap loss	7611682006353	1

Taps CATV | premium-line | 1006 MHz

BAB 12-02 BAB01202	12-way tap 5...1006 MHz terminal type housing design 02 <ul style="list-style-type: none"> ✓ 13...21 dB tap loss ✓ High return loss ✓ For multimedia-use ✓ Inputs and outputs hum-suppressed 	7611682250121	1
BAB 16-02 BAB01602	Same as BAB 12-02, but 16-way tap, with 13...25 dB tap loss	7611682250169	1

Splitters CATV | basic-line | 1006 MHz

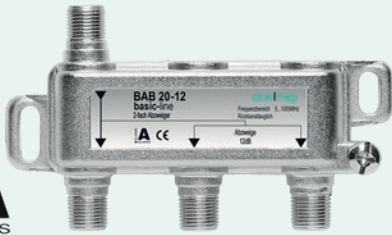
BVE 20-01 BVE02001	2-way splitter 5...1006 MHz housing design 01 <ul style="list-style-type: none"> ✓ For multimedia-use ✓ Inputs and outputs hum-suppressed 	7611682240207	1
BVE 30-01 BVE03001	Same as BVE 20-01, but 3-way splitter	7611682240306	1
BVE 40-01 BVE04001	Same as BVE 20-01, but 4-way splitter	7611682240504	1
BVE 60-01 BVE06001	Same as BVE 20-01, but 6-way splitter	7611682240702	1
BVE 80-01 BVE08001	Same as BVE 20-01, but 8-way splitter	7611682240900	1

Taps CATV | basic-line | 1006 MHz

BAB 10-08 BAB01008	1-way tap 8 dB 5...1006 MHz housing design 01 <ul style="list-style-type: none"> ✓ High return loss ✓ For multimedia-use ✓ Inputs and outputs hum-suppressed 	7611682000962	1
BAB 10-10 BAB01010	Same as BAB 10-08, but 10 dB tap loss	7611682000979	1
BAB 10-12 BAB01012	Same as BAB 10-08, but 12 dB tap loss	7611682251005	1
BAB 10-16 BAB01016	Same as BAB 10-08, but 16 dB tap loss	7611682000993	1
BAB 10-18 BAB01018	Same as BAB 10-08, but 18 dB tap loss	7611682001006	1
BAB 10-20 BAB01020	Same as BAB 10-08, but 20 dB tap loss	7611682001013	1

SPLITTERS AND TAPS

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Type Part No.	Product description	GTIN	PU
BAB 20-08 BAB02008	2-way tap 8 dB 5...1006 MHz housing design 01 ✓ High return loss ✓ For multimedia-use ✓ Inputs and outputs hum-suppressed	7611682001020	1
BAB 20-10 BAB02010	Same as BAB 20-08, but 10 dB tap loss	7611682001037	1
BAB 20-12 BAB02012	Same as BAB 20-08, but 12 dB tap loss	7611682250206	1
BAB 20-14 BAB02014	Same as BAB 20-08, but 14 dB tap loss	7611682001044	1
BAB 20-16 BAB02016	Same as BAB 20-08, but 16 dB tap loss	7611682001051	1
BAB 20-18 BAB02018	Same as BAB 20-08, but 18 dB tap loss	7611682001068	1
BAB 20-20 BAB02020	Same as BAB 20-08, but 20 dB tap loss	7611682001075	1

Splitters/Taps CATV | Outdoor | 1006 MHz

BVE 203-00 BVE20300	Same as BVE 202-00, but 3-way splitter	7611682242034	1
BAB 201-16 BAB20116	Same as BAB 201-08, but 16 dB tap loss	7611682259162	1
BAB 202-08 BAB20208	2-way tap 8 dB 5...1006 MHz outdoor ✓ Tap method - directional coupler ✓ Trunk and tap DC/AC suitable with max. 65V~/10 A ✓ 5/8" Connectors ✓ Al die-cast housing with wall mounting bow ✓ Ingress protection code IP 55	7611682258080	1
BAB 202-16 BAB20216	Same as BAB 202-08, but 16 dB tap loss	7611682258165	1
BWE 200-00 BWE20000	AC remote feed diplexer outdoor ✓ 5/8" Connectors ✓ Max. power feeding current 65V~/10 A ✓ Al die-cast housing with wall mounting bow ✓ Ingress protection code IP 55 ✓ Vodafone listed	7611682082005	1

Splitters for two devices

TVE 1-03 TVE00103	Splitter for two devices ✓ 0.1...2200 MHz ✓ For the connection of two TV devices ✓ Also suitable for combining two signals ✓ Solid die-cast zinc housing.	7611682000030	1
TVE 2-03 TVE00203	Same as TVE 1-03, but for the connection of two radio receivers	7611682050042	1
TZU 40-01 TZU04001	Splitter for two devices Multimedia ✓ To plug on to a multimedia connector ✓ 0,1...1006 MHz ✓ 4 dB through loss between input and outputs ✓ Connector 1: Input ✓ Connector 2: Output ✓ Connector 3: Output	7611682002591	1
TZU 40-02 TZU04002	Splitter for two devices SAT ✓ To plug on to a SAT connector ✓ 0.1...2200 MHz ✓ 4 dB through loss between input and outputs ✓ Connector 1: Input ✓ Connector 2: Output ✓ Connector 3: Output	7611682002607	1

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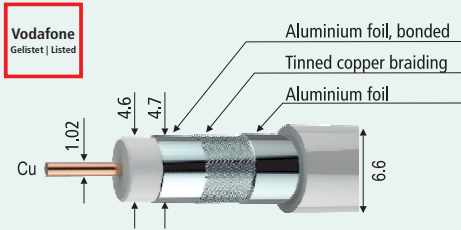
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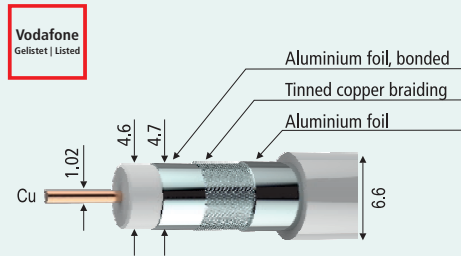
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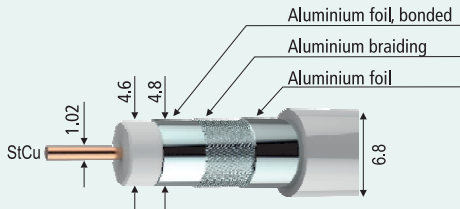
Type Part No.	Product description	GTIN	PU
Splitters SAT 5...2400 MHz			
SVE 20-01 SVE02001	2-way SAT splitter 5...2400 MHz ✓ DC-isolated with diodes ✓ DC power pass ✓ Suitable for single cable	7611682260205	1
SVE 30-01 SVE03001	Same as SVE 20-01, but 3-way SAT splitter	7611682260304	1
SVE 40-01 SVE04001	Same as SVE 20-01, but 4-way SAT splitter	7611682260403	1
SVE 60-01 SVE06001	Same as SVE 20-01, but 6-way SAT splitter	7611682002874	1
Taps SAT 5...2400 MHz			
SAB 1-12 SAB00112	1-way SAT tap 12 dB 5...2400 MHz ✓ DC power pass on trunk ✓ With detachable mounting brackets ✓ Connectors gold-plated	7611682271126	1
SAB 1-16 SAB00116	Same as SAB 1-12, but 16 dB tap loss	7611682271164	1
SAB 1-20 SAB00120	Same as SAB 1-12, but 20 dB tap loss	7611682271201	1
SAB 2-12 SAB00212	2-way SAT tap 12 dB 5...2400 MHz ✓ DC power pass on trunk ✓ With detachable mounting brackets ✓ Connectors gold-plated	7611682272123	1
SAB 4-16 SAB00416	4-way SAT tap 16 dB 5...2400 MHz ✓ DC power pass on trunk ✓ Connectors gold-plated	7611682274165	1



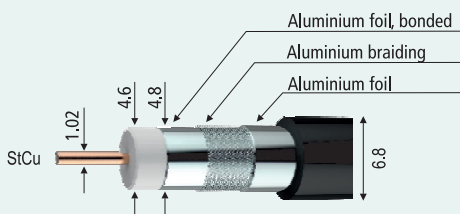
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CLASS +10 dB

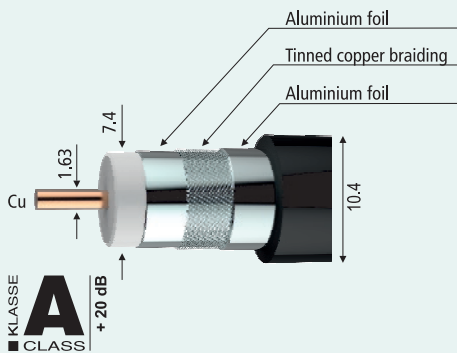
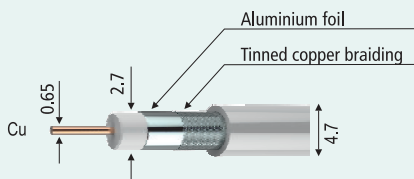
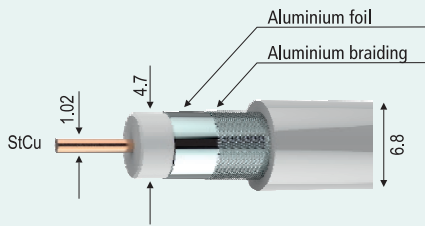


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Type Part No.	Product description	GTIN	PU
Coaxial cable			
premium-line			
SKB 97-01 SKB09701	Flame retardant, halogen free coaxial cable 3-way shielded 100 m <ul style="list-style-type: none"> ✓ For SAT or CATV indoor installation ✓ Vodafone listed ✓ According to KDG 1 TS 153 ✓ Class A+ according to EN 50117-9-2 ✓ Fire behaviour Cca acc. to EN 50575 ✓ Inner conductor Cu, diameter 1.02 mm ✓ Physically-foamed dielectric, diameter 4.6 mm ✓ Screening aluminium foil, bonded/tinned copper braiding/aluminium foil ✓ Jacket LSZH, white, UV resistant ✓ Degressive metering ✓ 100 m on wooden drum 	7611682008432	4
SKB 97-03 SKB09703	Same as SKB 97-01, but 500 m on wooden drum	7611682008449	1
SKB 94-01 SKB09401	Coaxial cable 3-way shielded 100 m <ul style="list-style-type: none"> ✓ For SAT or CATV indoor installation ✓ Vodafone listed ✓ According to KDG 1 TS 153 ✓ Class A+ according to EN 50117-2-4 ✓ Fire behaviour Eca acc. to EN 50575 ✓ Inner conductor Cu, diameter 1.02 mm ✓ Physically-foamed dielectric, diameter 4.6 mm ✓ Screening alum. foil, bonded/tinned copper braiding/alum. foil ✓ Jacket PVC, white ✓ UV resistant ✓ Degressive metering ✓ 100 m on a cardboard spool 	7611682004021	4
SKB 94-03 SKB09403	Same as SKB 94-01, but 500 m on wooden drum	7611682004038	1
SKB 94-04 SKB09404	Same as SKB 94-01, but 250 m in a opti-box	7611682004045	2
SKB 395-01 SKB39501	Coaxial cable 3-way shielded 100 m <ul style="list-style-type: none"> ✓ For SAT or CATV indoor installation ✓ Class A+ according to EN 50117-2-4 ✓ Fire behaviour Eca acc. to EN 50575 ✓ Inner conductor StCu, diameter 1.02 mm ✓ Physically-foamed dielectric, diameter 4.6 mm ✓ Screening alum. foil, bonded/alum. braiding/alum. foil ✓ Jacket PVC, white ✓ UV resistant ✓ Degressive metering ✓ 100 m on a cardboard spool 	7611682113952	4
SKB 395-03 SKB39503	Same as SKB 395-01, but 500 m on wooden drum	7611682113969	1
SKB 395-04 SKB39504	Same as SKB 395-01, but 250 m in a opti-box	7611682113976	2
SKB 395-11 SKB39511	Coaxial cable 3-way shielded 100 m <ul style="list-style-type: none"> ✓ For SAT or CATV indoor installation ✓ Class A+ according to EN 50117-2-4 ✓ Fire behaviour Eca acc. to EN 50575 ✓ Inner conductor StCu, diameter 1.02 mm ✓ Physically-foamed dielectric, diameter 4.6 mm ✓ Screening alum. foil, bonded/alum. braiding/alum. foil ✓ Jacket PE, black ✓ UV resistant ✓ Degressive metering ✓ 100 m on a cardboard spool 	7611682001648	4
SKB 395-13 SKB39513	Same as SKB 395-11, but 500 m on wooden drum	7611682002522	1
SKB 395-14 SKB39514	Same as SKB 395-11, but 250 m in a opti-box	7611682002539	2



Type Part No.	Product description	GTIN	PU
basic-line			
SKB 88-01 SKB08801	Coaxial cable 2-way shielded 100 m ✓ For SAT or CATV indoor installation ✓ Fire behaviour Eca acc. to EN 50575 ✓ Inner conductor StCu, diameter 1.02 mm ✓ Physically-foamed dielectric, diameter 4.7 mm ✓ Screening alum. foil/alum. braiding ✓ Jacket PVC, white ✓ Degressive metering ✓ 100 m on a cardboard spool	7611682000054	4
SKB 88-03 SKB08803	Same as SKB 88-01, but 500 m on wooden drum	7611682000061	1
SKB 88-04 SKB08804	Same as SKB 88-01, but 250 m in a opti-box	7611682118742	2
SKB 75-01 SKB07501	Mini coaxial cable 100 m ✓ For SAT or CATV indoor installation ✓ Fire behaviour Eca acc. to EN 50575 ✓ Inner conductor Cu, diameter 0.65 mm ✓ Physically-foamed dielectric, diameter 2.7 mm ✓ Screening alum. foil and tinned copper braiding ✓ Jacket PVC, white ✓ Degressive metering ✓ 100 m on a cardboard spool	7611682110753	8

Underground cable

SKB 11-13 SKB01113	RG11 Coaxial cable CATV SAT 300 m ✓ 3-way shielded ✓ Class A++ according to EN 50117-2-3 ✓ Screening factor ≥ 105 dB @ 30...1000 MHz ✓ Coupling resistance ≤ 0.9 m Ω /m @ 5...30 MHz ✓ Inner conductor made of solid copper, diameter 1.63 mm ✓ Physically-foamed dielectric, diameter 7.4 mm ✓ Screening alum. foil, tinned copper braiding, alum. foil ✓ Jacket PE, black ✓ UV resistant ✓ Degressive metering ✓ Fire behaviour Fca acc. to EN 50575 ✓ Suitable for underground installation in a ductwork for cables ✓ 300 m on wooden drum ✓ Compression tool and stripping tool available on request.	7611682007756	1
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Accessories

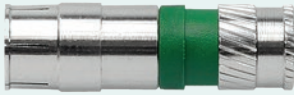
SZU 11-01 SZU01101	Water protection sleeve ✓ Neopren for coaxial cable SKB 88-xx, 395-xx, 94-xx, 97-xx ✓ UV-resistant	7611682160116	100
TZU 20-01 TZU02001	Carrying strap ✓ Carrying strap for opti-box ✓ Length adjustable	7611682080216	1
SKA 1-00 SKA00100	Cable dispenser ✓ For SKB 94-01, SKB 395-01, SKB 395-11, SKB 88-01 and SKB 75-01 ✓ Integrated rollbrake ✓ Easy, tool-free exchange of coaxial cable reels	7611682003871	1

COAXIAL CONNECTORS

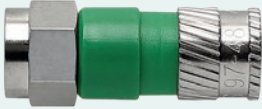
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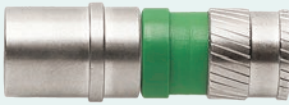
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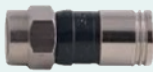
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Type Part No.	Product description	GTIN	PU
Coaxial connectors			
Compression premium-line			
CKS 7-48 CKS00748	IEC male compression ✓ NITIN coated (anti-allergie) ✓ To mount with compression tool BWZ 8-00 ✓ For coaxial cable with diameter of dielectricum 4.9 mm (SKB 97-xx/SKB 94-xx/SKB 395-xx/SKB 88-xx)	7611682003482	100
CKS 7-51 CKS00751	Same as CKS 7-48, but for coaxial cable with diameter of dielectricum 5.1 mm	7611682003499	100
CKK 7-48 CKK00748	IEC female compression ✓ NITIN coated (anti-allergie) ✓ To mount with compression tool BWZ 8-00 ✓ For coaxial cable with diameter of dielectricum 4.9 mm (SKB 97-xx/SKB 94-xx/SKB 395-xx/SKB 88-xx)	7611682003505	50
CKK 7-51 CKK00751	Same as CKK 7-48, but for coaxial cable with diameter of dielectricum 5.1 mm	7611682003512	50
CFS 97-48 CFS09748	F male compression ✓ NITIN coated (anti-allergie) ✓ To mount with Compression tool BWZ 6-05 ✓ For coaxial cable with diameter of dielectricum 4.9 mm (SKB 97-xx/SKB 94-xx/SKB 395-xx/SKB 88-xx)	7611682001655	50
CFS 99-48 CFS09948	F male compression Quickfix ✓ Axial ✓ NITIN coated (anti-allergie) ✓ To mount with Compression tool BWZ 8-00 ✓ For coaxial cable with diameter of dielectricum 4.9 mm (SKB 97-xx/SKB 94-xx/SKB 395-xx/SKB 88-xx)	7611682002089	50
CFS 99-51 CFS09951	Same as CFS 99-48, but for coaxial cable with diameter of dielectricum 5.1 mm	7611682002096	50
CFS 100-48 CFS10048	Same as CFS 99-48, but right-angled	7611682002102	50
CFS 100-51 CFS10051	Same as CFS 99-51, but right-angled	7611682002119	50
EX 6-49/83 EX64983	F-compression connector NITIN for coaxial cable with dielectric 4.8 mm ✓ For coaxial cable with diameter of dielectricum 4.9 mm ✓ To mount with Compression tool BWZ 6-05 ✓ Vodafone listed	7611682008548	50
EX 6-51/83 EX65183	F-compression connector NITIN for coaxial cable with dielectric 5.1 mm ✓ For coaxial cable with diameter of dielectricum 5.1 mm ✓ To mount with Compression tool BWZ 6-05 ✓ Vodafone listed	7611682008555	50
EX 11N EX11N	F-compression connector NITIN for coaxial cable with dielectric 7.2 mm ✓ For coaxial cable with diameter of dielectricum 7.2 mm ✓ To mount with Compression tool BWZ 8-00 ✓ Vodafone listed	7611682008562	50
CFS 93-48 CFS09348	F Opti-fix male self compression ✓ To mount without compression tool ✓ NITIN coated (anti-allergie) ✓ Usable for coaxial cable with diameter of dielectricum 4.9 mm (SKB 97-xx/SKB 94-xx/SKB 395-xx/SKB 88-xx)	7611682002225	50



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Type Part No.	Product description	GTIN	PU
BZU 60-00 BZU06000	Assortment box compression connectors, empty ✓ Empty assorting box for AXING compression connectors	7611682002133	1
BZU 60-01 BZU06001	Assortment box compression connectors standard ✓ 1 x BWZ 6-05 ✓ 1 x BWZ 5-02 ✓ 100 x CFS 97-48	7611682002140	1
BZU 60-02 BZU06002	Assortment box compression connectors professional ✓ 1 x BWZ 8-00 ✓ 1 x BWZ 6-05 ✓ 1 x BWZ 5-02 ✓ 100 x CFS 97-48 ✓ 10 x CFS 100-48 10 x CFS 100-51 ✓ 10 x CFS 99-48 10 x CFS 99-51	7611682002157	1

IEC | premium-line

CKS 4-00 CKS00400	IEC male ✓ Die-cast housing, high shielded ✓ Right-angle with screw clamp	7611682340044	100
CKS 5-00 CKS00500	Same as CKS 4-00, but axial	7611682340051	100
CKK 4-00 CKK00400	IEC female ✓ Die-cast housing, high shielded ✓ Right-angle with screw clamp	7611682350043	100
CKK 5-00 CKK00500	Same as CKK 4-00, but axial	7611682350050	100

IEC | basic-line

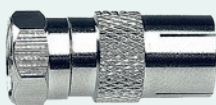
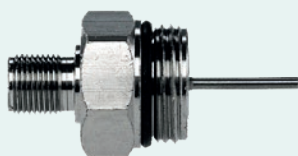
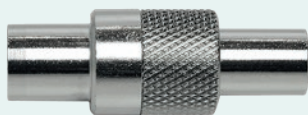
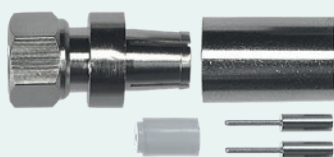
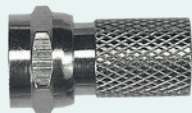
CKS 1-00 CKS00100	IEC male ✓ With screw clamp ✓ Metal/plastic	7611682340013	100
CKS 6-00 CKS00600	IEC male ✓ Easy to fit, for direct mounting on the cable ✓ Solid metal	7611682340068	100
CKS 20-00 CKS02000	IEC male ✓ With screw clamp ✓ Metal/plastic	7611682340204	100
CKK 1-00 CKK00100	IEC female ✓ With screw clamp ✓ metal/plastic	7611682350012	100
CKK 6-00 CKK00600	IEC female ✓ Easy to fit, for direct mounting on the cable ✓ Solid metal	7611682350067	100
CKK 21-00 CKK02100	IEC female ✓ With screw clamp ✓ Metal/plastic	7611682350210	100

F | premium-line

CFS 89-01 CFS08901	F male screw type for SKB 89-xx ✓ Double rubber gasket (from front and backside)	7611682368918	100
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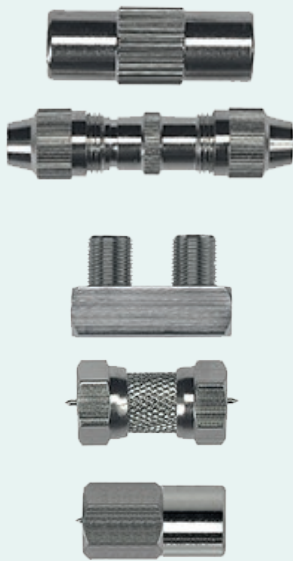
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Type Part No.	Product description	GTIN	PU
F basic-line			
CFS 0-00 CFS00000	F male screw type ✓ For cable diameter 7 mm	7611682360004	100
CFS 0-02 CFS00002	Same as CFS 0-00, but waterproof with rubber seal	7611682360011	100
CFS 1-00 CFS00100	F male screw type ✓ for cable diameter 6.5 mm	7611682360103	100
CFS 2-00 CFS00200	F male screw type ✓ for cable diameter 5.2 mm	7611682360202	100
CFS 3-00 CFS00300	F male screw type ✓ for cable diameter 4 mm	7611682360301	100
CFS 4-00 CFS00400	F male screw type ✓ for cable diameter 4.7 mm	7611682360400	100
CFS 7-02 CFS00702	F male screw type ✓ For cable diameter 10.4 mm ✓ Incl. 2 center pin for 1.1 mm ID and 1.6 mm ID inner conductor	7611682360714	1
CFS 7-00 CFS00700	F male crimp type ✓ For cable diameter 7.5 mm ✓ Incl. 2 center pin for 1.1 mm ID and 1.6 mm ID inner conductor	7611682360707	100
CFS 20-00 CFS02000	F Quickfix ✓ For cable diameter 4.5...7 mm	7611682362008	100
Adapters premium-line			
CFA 4-01 CFA00401	Adapter F F Quickfix ✓ Male to male, Quickfix ✓ Professional version ✓ High return loss	7611682280401	100
CFA 26-02 CFA02602	Adapter F F ✓ Female to female, with lock nut ✓ Professional version, 29 mm long ✓ High return loss ✓ Vodafone listed	7611682006254	100
CFA 13-01 CFA01301	Adapter F IEC laboratory-type ✓ IEC-female to F-female ✓ High return loss	7611682004601	1
CFA 14-01 CFA01401	Same as CFA 13-01, but IEC-male to F-female	7611682004809	1
CFA 15-00 CFA01500	Same as CFA 13-01, but IEC-male to F-male	7611682002065	1
CFA 16-01 CFA01601	Same as CFA 13-01, but IEC-female to F-male, Quickfix	7611682007404	1
CFA 17-00 CFA01700	Same as CFA 13-01, but F-male, Quickfix to IEC-female	7611682002614	1
CFA 12-00 CFA01200	Adapter PG11 F ✓ PG11 to F female ✓ for BVS 14-66	7611682280128	1
CKA 12-00 CKA01200	PG 11 to IEC female for BVS 14-66	7611682320121	1
Adapters basic-line			
CFA 1-00 CFA00100	Adapter F IEC ✓ F-female to IEC-female	7611682280012	100
CFA 2-00 CFA00200	Adapter F IEC ✓ F-female to IEC-female	7611682280029	100
CFA 5-00 CFA00500	Adapter F IEC ✓ F-female to IEC-male	7611682280050	100
CFA 10-00 CFA01000	Adapter F IEC ✓ F-male to IEC-male	7611682280104	100



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Type Part No.	Product description	GTIN	PU
CKA 1-00 CKA00100	IEC-male to IEC-male	7611682320015	100
CKA 2-00 CKA00200	IEC-female to IEC-female	7611682320022	100
CFA 3-00 CFA00300	Adapter F F ✓ F female to F female	7611682280036	100
CFA 3-02 CFA00302	Adapter F F ✓ F female to F female ✓ U-shaped	7611682280326	100
CFA 4-00 CFA00400	Adapter F F ✓ F male to F male	7611682280043	100
CFA 6-02 CFA00602	Adapter F F ✓ F female to F male ✓ Right-angled	7611682280609	100
CFA 18-00 CFA01800	Adapter F F ✓ F male, screw type to F male, Quickfix	7611682002928	1

Terminal resistors

CFA 8-00 CFA00800	Terminating resistor 75 Ohm ✓ F male	7611682280081	100
CFA 11-00 CFA01100	Terminating resistor 75 Ohm DC isolated ✓ F male ✓ DC isolated	7611682280111	100
TZU 3-00 TZU00300	Terminating resistor ✓ 75 Ohm ✓ For CATV loop-through wall outlets CATV	7611682080032	100
TZU 3-01 TZU00301	Terminating resistor, DC-isolated ✓ 75 Ohm ✓ For CATV and SAT loop-through wall outlets	7611682080308	100

Tools



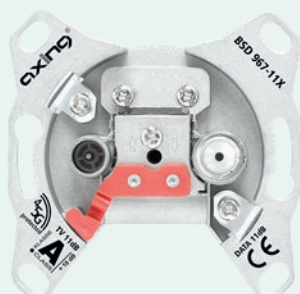
BWZ 1-00 BWZ00100	Crimping tool ✓ For crimping-type F connectors ✓ Cable diameter 5...7 mm	7611682330014	1
BWZ 3-00 BWZ00300	F connector wrench ✓ Tightening aid ✓ 11 mm across the flats	7611682330038	1
BWZ 4-01 BWZ00401	Crimping aid ✓ For use when assembling F connectors	7611682330045	1
BWZ 5-02 BWZ00502	Universal cable stripping tool ✓ For stripping of coax cables (e. g. SKB 75, SKB 88, SKB 94, SKB 97, SKB 395) ✓ Insertable stripping block 13/8 mm (premium-line wall outlets) and 7/6 mm (AXING F compression connectors)	7611682002942	1
BWZ 5-12 BWZ00512	Replacement block for BWZ 5-02 ✓ 13/8 mm (premium-line wall outlets) and 7/6 mm (AXING F compression connectors)	7611682003369	1
BWZ 6-05 BWZ00605	Compression tool ✓ For crimping compression connectors ✓ Two compression lengths	7611682008272	1
BWZ 8-00 BWZ00800	Compression tool ✓ Adjustable compression ✓ Three tool inserts ✓ For all AXING-F compression connectors	7611682002058	1
BWZ 11-00 BWZ01100	Special open-ended wrench ✓ Open-ended/open ring wrench ✓ For small F-socket distances ✓ 11 mm across the flats	7611682002898	1

ANTENNA WALL OUTLETS

Projektbezogen
Vodafone
Gelistet | Listed

KLASSE
A
CLASS +10 dB

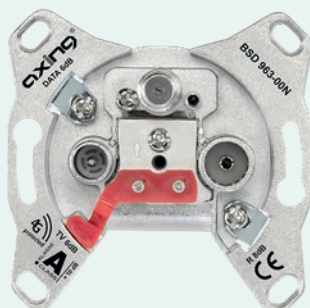
4G
protected



Vodafone
Gelistet | Listed

KLASSE
A
CLASS +10 dB

4G
protected



Type Part No.	Product description	GTIN	PU
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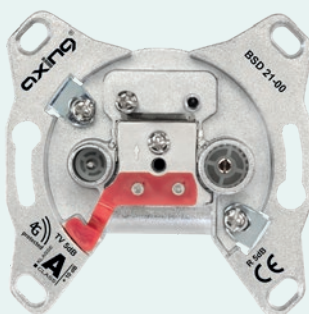
Antenna wall outlets

Multimedia | DOCSIS 3.1/4.0

BSD 967-04X BSD96704X	Multimedia end outlet 5 ... 1800 MHz 4 dB CATV DATA <ul style="list-style-type: none"> ✓ Class A (+10 dB) according to EN 50083-2 ✓ For DOCSIS 3.1/4.0 applications ✓ Suitable for broadband return path ✓ High overvoltage protection ✓ High intermodulation immunity (≤ 115 dBc) ✓ TV port IEC male ✓ DATA port F female ✓ Surface treated ✓ Vodafone listed according to VF TS 142 (for projects) 	7611682008302	1
BSD 967-09X BSD96709X	Same as BSD 967-04, but end outlet terminated 10 dB	7611682008319	1
BSD 967-11X BSD96711X	Same as BSD 967-04, but loop-through outlet 11 dB	7611682008326	1
BSD 967-14X BSD96714X	Same as BSD 967-04, but loop-through outlet 14 dB	7611682008333	1
BSD 967-17X BSD96717X	Same as BSD 967-04, but loop-through outlet 17 dB	7611682008340	1
BSD 967-20X BSD96720X	Same as BSD 967-04, but loop-through outlet 20 dB	7611682008357	1

Multimedia | premium-line

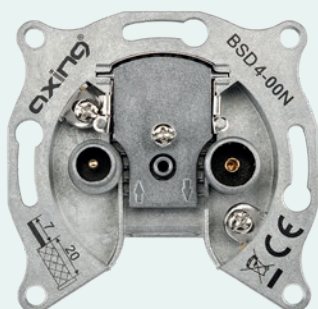
BSD 963-00N BSD96300N	Multimedia end outlet 5...1006 MHz CATV DATA <ul style="list-style-type: none"> ✓ Class A (+10 dB) according to EN 50083-2 ✓ Suitable for broadband return path ✓ Easy to install ✓ Stripping length 8/13 mm ✓ Extended F socket ✓ Surface treading ✓ Vodafone listed 	7611682001501	1
BSD 963-10N BSD96310N	Same as BSD 963-00N, but loop-through type with 10 dB tap loss	7611682002218	1
BSD 963-11N BSD96311N	Same as BSD 963-00N, but terminal type type with 10 dB tap loss	7611682000832	1
BSD 963-12N BSD96312N	Same as BSD 963-00N, but loop-through type with 12 dB tap loss	7611682001525	1
BSD 963-13N BSD96313N	Same as BSD 963-00N, but loop-through type with 14 dB tap loss and with high pass filter on the trunk (blocked return path)	7611682001532	1
BSD 963-14N BSD96314N	Same as BSD 963-00N, but loop-through type with 14 dB tap loss	7611682001549	1
BSD 963-17N BSD96317N	Same as BSD 963-00N, but loop-through type with 17 dB tap loss	7611682001563	1
BSD 963-20N BSD96320N	Same as BSD 963-00N, but loop-through type with 20 dB tap loss	7611682001556	1



Type Part No.	Product description	GTIN	PU
BSD 961-08K BSD96108K	Multimedia end outlet 8 dB 5...1006 MHz CATV DATA DATA ✓ Class A (+10 dB) according to EN 50083-2 ✓ High intermodulation suppression ✓ Suitable for broadband return path ✓ Easy to install ✓ Stripping length 8/13 mm ✓ Extended F sockets ✓ Surface treated	7611682005240	1
BSD 961-11K BSD96111K	Same as BSD 961-08K, but terminal type with 12 dB tap loss	7611682005257	1
BSD 961-12K BSD96112K	Same as BSD 961-08K, but loop-through type with 12 dB tap loss	7611682005264	1
BSD 961-13K BSD96113K	Same as BSD 961-08K, but loop-through type with 15 dB tap loss and with high pass filter on the trunk (blocked return path)	7611682005271	1
BSD 961-15K BSD96115K	Same as BSD 961-08K, but loop-through type with 15 dB tap loss	7611682005288	1
BSD 961-17K BSD96117K	Same as BSD 961-08K, but loop-through type with 17 dB tap loss	7611682005295	1
BSD 961-20K BSD96120K	Same as BSD 961-08K, but loop-through type with 20 dB tap loss	7611682005301	1
BSD 960-00N BSD96000N	Multimedia end outlet 5...2200 MHz CATV DATA SAT ✓ Class A (+10 dB) according to EN 50083-2 ✓ Suitable for broadband return path ✓ Easy to install ✓ Stripping length 8/13 mm ✓ Extended F sockets ✓ Surface treated ✓ Vodafone listed	7611682002638	1
BSD 960-10N BSD96010N	Same as BSD 960-00N, but loop-through type with 10 dB tap loss, isolated with diodes	7611682003420	1
CATV premium-line			
BSD 21-00 BSD02100	Extended wideband end outlet 5...2200 MHz CATV ✓ Class A (+10 dB) according to EN 50083-2 ✓ Suitable for broadband return path ✓ Easy to install ✓ Stripping length 8/13 mm ✓ Surface treated	7611682002416	1
BSD 21-01 BSD02101	Same as BSD 21-00, but with DC power pass (suitable for SAT)	7611682002423	1
BSD 21-07 BSD02107	Same as BSD 21-00, but loop-through type with 7 dB tap loss, frequency range 5...1006 MHz	7611682002430	1
BSD 21-10 BSD02110	Same as BSD 21-00, but loop-through type with 10 dB tap loss	7611682002447	1
BSD 21-11 BSD02111	Same as BSD 21-10, but with DC power pass (suitable for SAT)	7611682002454	1
BSD 21-14 BSD02114	Same as BSD 21-00, but loop-through type with 14 dB tap loss	7611682002461	1
BSD 21-18 BSD02118	Same as BSD 21-00, but loop-through type with 18 dB tap loss	7611682002478	1
BSD 21-22 BSD02122	Same as BSD 21-00, but loop-through type with 22 dB tap loss	7611682002485	1

ANTENNA WALL OUTLETS

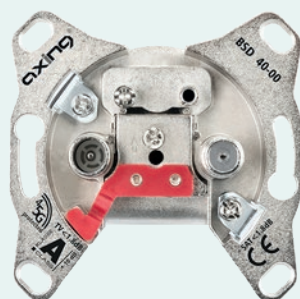
KLASSE **A**
CLASS



NEW NEU
24

KLASSE **A**
CLASS +10 dB

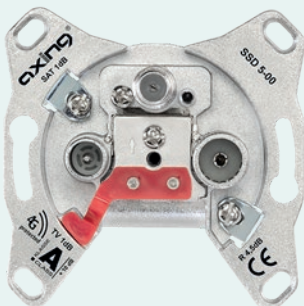
4G
protected



Vodafone
Gelistet | Listed

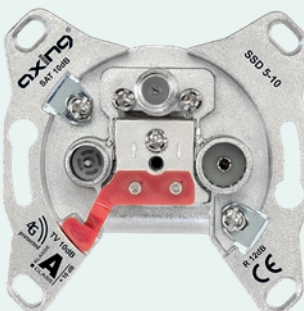
KLASSE **A**
CLASS +10 dB

4G
protected

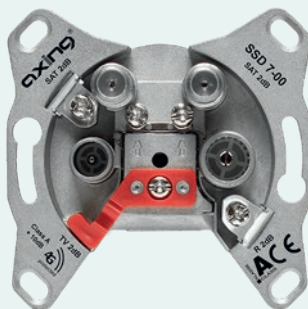
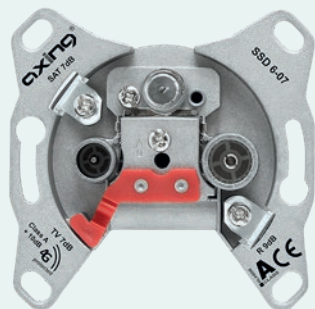
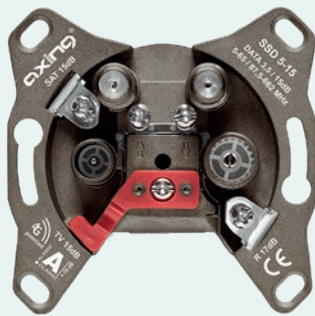


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CLASS +10 dB

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Type Part No.	Product description	GTIN	PU
CATV basic-line			
BSD 4-00N BSD00400N	CATV end outlet 5...1006 MHz ✓ Suitable for broadband return path ✓ Surface treated	7611682007305	1
BSD 4-07N BSD00407N	Same as BSD 4-00N, but loop-through type with 7 dB tap loss	7611682007312	1
BSD 4-10N BSD00410N	Same as BSD 4-00N, but loop-through type with 10 dB tap loss	7611682007329	1
BSD 4-14N BSD00414N	Same as BSD 4-00N, but loop-through type with 14 dB tap loss	7611682007336	1
BSD 4-18N BSD00418N	Same as BSD 4-00N, but loop-through type with 18 dB tap loss	7611682007343	1
BSD 4-22N BSD00422N	Same as BSD 4-00N, but loop-through type with 22 dB tap loss	7611682007350	1
BSD 40-00 BSD04000	CATV/SAT end outlet 5...2200 MHz ✓ Low distribution loss ✓ Surface treated ✓ SAT F-female connector ✓ TV/radio IEC-male connector	7611682400052	1
BSD 40-08 BSD04008	Same as BSD 40-00 but loop-through outlet with 8 dB	7611682400069	1
BSD 40-11 BSD04011	Same as BSD 40-00 but loop-through outlet with 11 dB	7611682400076	1
SAT premium-line			
SSD 5-00 SSD00500	SAT end outlet 5...2200 MHz CATV SAT ✓ Class A (+10 dB) according to EN 50083-2 ✓ Suitable for return path 5...65 MHz ✓ Easy to install ✓ Stripping length 8/13 mm ✓ Extended F socket ✓ Surface treaded ✓ Vodafone listed	7611682000894	1
SSD 5-07 SSD00507	Same as SSD 5-00, but terminal type with 7 dB tap loss (isolated with diodes), suitable for Unicable I (EN50494) and Unicable II (EN50607)	7611682001662	1
SSD 5-10 SSD00510	SAT loop-through outlet 10 dB 5...2200 MHz CATV SAT ✓ Class A (+10 dB) according to EN 50083-2 ✓ Suitable for return path 5...65 MHz ✓ Suitable for Unicable I (EN50494) and Unicable II (EN50607) ✓ Isolated with diodes ✓ Easy to install ✓ Stripping length 8/13 mm ✓ Extended F socket ✓ Surface treaded	7611682000900	1
SSD 5-14 SSD00514	Same as SSD 5-10, but 14 dB tap loss	7611682000917	1
SSD 5-18 SSD00518	Same as SSD 5-10, but 18 dB tap loss	7611682000948	1



Type Part No.	Product description	GTIN	PU
SSD 5-15 SSD00515	SAT multimedia loop-through outlet 15 dB 5...2200 MHz CATV SAT DATA ✓ Class A (+10 dB) according to EN 50083-2 ✓ With high pass filter on the trunk (blocked return path) ✓ Suitable for return path 5...65 MHz ✓ Suitable for Unicable I (EN50494) and Unicable II (EN50607) ✓ Isolated with diodes ✓ Easy to install ✓ Stripping length 8/13 mm ✓ Extended F socket ✓ Surface treated	7611682003673	1
SSD 6-07 SSD00607	Programmable single cable end outlet terminated 7 dB 5 ... 2200 MHz CATV SAT ✓ Class A (+10 dB) according to EN 50083-2 ✓ Suitable for return path 5 ... 65 MHz ✓ Suitable for Unicable I (EN50494) and Unicable II (EN50607) ✓ Each socket can be allocated to one ore more user-bands (programming with the SZU 60-00 programmer and the free-of charge software AnDoKon (www.axing.com download)) ✓ Easy to install ✓ Stripping length 8/13 mm ✓ Extended F socket ✓ Surface treated	7611682002294	1
SSD 6-10 SSD00610	Same as SSD 6-07, but loop-through type with 10 dB tap loss	7611682002300	1
SSD 6-14 SSD00614	Same as SSD 6-07, but loop-through type with 14 dB tap loss	7611682002317	1
SSD 6-18 SSD00618	Same as SSD 6-07, but loop-through type with 18 dB tap loss	7611682002324	1
SZU 60-00 SZU06000	Antenna wall outlet programmer for SSD 6-xx ✓ To programm the user bands ✓ Software AnDoKon available at www.axing.com Downloads for free ✓ Including F connecting cable and USB connecting cable	7611682002331	1
SSD 7-00 SSD00700	SAT twin end outlet 5...2200 MHz CATV SAT SAT ✓ Class A (+10 dB) according to EN 50083-2 ✓ Suitable for return path 5...65 MHz ✓ Suitable for Unicable I (EN50494) and Unicable II (EN50607) ✓ Easy to install ✓ Stripping length 8/13 mm ✓ Extended F sockets ✓ Surface treated ✓ Vodafone listed	7611682002751	1
SAT basic-line			
SSD 2-00 SSD00200	SAT end outlet 5...2200 MHz CATV SAT ✓ Suitable for return path 5...65 MHz ✓ F connector gold-plated ✓ With cover plate and frame	7611682180022	1
SSD 2-10 SSD00210	Same as SSD 2-00, but loop-through type with 10 dB tap loss	7611682180206	1

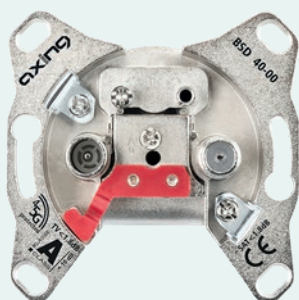
ANTENNA WALL OUTLETS

KLASSE
A
CLASS

NEW
NEU
24

KLASSE
A
CLASS
+ 10 dB

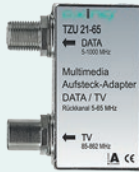
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protected



Type Part No.	Product description	GTIN	PU
SSD 4-00 SSD00400	SAT twin end outlet 5...2200 MHz CATV SAT SAT ✓ Suitable for return path 5...65 MHz ✓ With cover plate and frame	7611682180046	1
BSD 40-00 BSD04000	CATV/SAT end outlet 5...2200 MHz ✓ Low distribution loss ✓ Surface treated ✓ SAT F-female connector ✓ TV/radio IEC-male connector	7611682400052	1
BSD 40-08 BSD04008	Same as BSD 40-00 but loop-through outlet with 8 dB	7611682400069	1
BSD 40-11 BSD04011	Same as BSD 40-00 but loop-through outlet with 11 dB	7611682400076	1
Cover plates one part			
SZU 2-00 SZU00200	Cover plate TV/R/SAT single piece ✓ Dimensions 80 x 80 mm ✓ Suitable for antenna wall outlets SSD 5-xx and SSD 6-xx ✓ Suitable surface frame TZU 1-00	7611682160208	1
SZU 2-01 SZU00201	Same as SZU 2-00, but TV/R/DATA for antenna wall outlets BSD 963xxN	7611682160215	1
SZU 2-02 SZU00202	Same as SZU 2-00, but TV/R/SAT/DATA for antenna wall outlets BSD 960-xx	7611682002362	1
SZU 2-03 SZU00203	Same as SZU 2-00, but TV/R/DATA/DATA for antenna wall outlets BSD 961-xxK	7611682002379	1
SZU 2-04 SZU00204	Same as SZU 2-00, but TV/R/SAT/SAT for antenna wall outlet SSD 7-00	7611682002386	1
TZU 2-00 TZU00200	Same as SZU 2-00, but TV/R for antenna wall outlets BSD 21-xx and BSD 4-xx	7611682080025	1
TZU 2-01 TZU00201	Same as SZU 2-00, but TV/DATA for antenna wall outlets BSD 967-xxX	7611682009200	1
TZU 2-02 TZU00202	Same as SZU 2-00, but TV/SAT for antenna wall outlets BSD 40-xx	7611682400199	1
TZU 1-00 TZU00100	Surface frame ✓ For single piece cover ✓ Dimensions 80 x 80 mm ✓ Vodafone listed	7611682080018	1



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Type Part No.	Product description	GTIN	PU
Cover plates two parts			
SZU 2-10 SZU00210	Cover plate TV/R/SAT two-parts ✓ Dimensions 75 × 75 mm ✓ Suitable for antenna wall outlets SSD 5-xx and SSD 6-xx ✓ Suitable surface frame TZU 1-10	7611682002560	1
SZU 2-12 SZU00212	Same as SZU 2-10, but TV/R/SAT/SAT for antenna wall outlets BSD 960-xx	7611682004489	1
SZU 2-13 SZU00213	Same as SZU 2-10, but TV/R/DATA/DATA for antenna wall outlets BSD 961-xxK	7611682004496	1
SZU 2-14 SZU00214	Same as SZU 2-10, but TV/R/SAT/SAT for antenna wall outlet SSD 7-00	7611682002577	1
TZU 2-10 TZU00210	Same as SZU 2-10, but TV/R for antenna wall outlets BSD 21-xx and BSD 4-xx	7611682002553	1
TZU 2-11 TZU00211	Same as SZU 2-10, but TV/DATA for antenna wall outlets BSD 967-xxX	7611682009217	1
TZU 1-10 TZU00110	Surface frame ✓ For two-part cover ✓ Dimensions 75 x 75 mm	7611682002546	1
Accessories			
TZU 21-65 TZU02165	Plug-on adapter Multimedia ✓ Return path 5...65MHz ✓ Can be plugged Radio/TV antenna wall outlets either in wide band or filter technique ✓ F-Port to connect an interactive unit (e. g. cable modem)	7611682082166	1
TZU 3-00 TZU00300	Terminating resistor ✓ 75 Ohm ✓ For CATV loop-through wall outlets CATV	7611682080032	100
TZU 3-01 TZU00301	Terminating resistor, DC-isolated ✓ 75 Ohm ✓ For CATV and SAT loop-through wall outlets	7611682080308	100
TZU 23-00 TZU02300	Electronic level ✓ Digital display ✓ Magnetic base	7611682002171	1

CONNECTION CABLES

NEW NEU 23

Vodafone
Gelistet | Listed



KLASSE A + 20 dB CLASS



KLASSE A CLASS

Vodafone
Gelistet | Listed



KLASSE A CLASS

Type Part No.	Product description	GTIN	PU
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Connection cables

CATV | Connection cable for terminal devices

EAK 151-80 EAK15180	Connection cable for terminal devices F axial connectors male Quickfix 4-way shielded 1,50 m ✓ For connecting terminal devices to multimedia wall outlets ✓ According to VF TS 5001 ✓ Screening factor according to EN 60966-2-7, class A (+ 20 dB) ✓ 4-fold shielded; 4G/5G protected ✓ DOCSIS 4.0 ready ✓ White, in polybag with self service card ✓ Colour-coded ✓ Vodafone listed	7611682008807	1
EAK 201-80 EAK20180	Same as EAK 151-80, but 2,00 m	7611682008869	1
EAK 251-80 EAK25180	Same as EAK 151-80, but 2,50 m	7611682008920	1
EAK 301-80 EAK30180	Same as EAK 151-80, but 3,00 m	7611682008982	1
EAK 501-80 EAK50180	Same as EAK 151-80, but 5,00 m	7611682009040	1
EAK 601-80 EAK60180	Same as EAK 151-80, but 6,00 m	7611682009101	1
EAK 901-80 EAK90180	Same as EAK 151-80, but 9,00 m	7611682009163	1

CATV | patch/modem cable

MAK 20-80 MAK02080	F patch cable axial connectors male double shielded 0.20 m ✓ Screening factor according to EN 60966-2-6, class A ✓ White, in polybag	7611682001105	10
MAK 30-80 MAK03080	Same as MAK 20-80, but 0.30 m	7611682001112	10
MAK 40-80 MAK04080	Same as MAK 20-80, but 0.40 m	7611682001129	10
MAK 50-80 MAK05080	Same as MAK 20-80, but 0.50 m	7611682001136	10
MAK 150-80 MAK15080	F modem cable axial connectors male double shielded ✓ To connect a cable modem to a multimedia antenna wall outlet ✓ According to Vodafone KDG 1 TS 151 ✓ Screening factor according to EN 60966-2-6, class A ✓ Double shielded ✓ White, in polybag ✓ Vodafone listed	7611682001143	1
MAK 200-80 MAK20080	Same as MAK 150-80, but 2.00 m	7611682001150	1
MAK 350-80 MAK35080	Same as MAK 150-80, but 3.50 m	7611682001167	1
MAK 500-80 MAK50080	Same as MAK 150-80, but 5.00 m	7611682001174	1
MAK 750-80 MAK75080	Same as MAK 150-80, but 7.50 m	7611682001181	1
MAK 999-80 MAK99980	Same as MAK 150-80, but 10.00 m	7611682001198	1



Type Part No.	Product description	GTIN	PU
CATV connection cables			
BAK 150-80 BAK15080	Connection cable IEC axial connectors male female high shielded 1.50 m <ul style="list-style-type: none"> ✓ Receiver connection cable ✓ According to Vodafone KDG 1 TS 152 ✓ Screening factor according to EN 60966-2-5, class A ✓ White, in polybag with self service card ✓ Vodafone listed 	7611682001204	1
BAK 200-80 BAK20080	Same as BAK 150-80, but 2.00 m	7611682001211	1
BAK 250-80 BAK25080	Same as BAK 150-80, but 2.50 m	7611682001631	1
BAK 350-80 BAK35080	Same as BAK 150-80, but 3.50 m	7611682001228	1
BAK 500-80 BAK50080	Same as BAK 150-80, but 5.00 m	7611682001235	1
BAK 750-80 BAK75080	Same as BAK 150-80, but 7.50 m	7611682001242	1
BAK 999-80 BAK99980	Same as BAK 150-80, but 10.00 m	7611682001259	1
BAK 152-00 BAK15200	Connection cable IEC axial connectors male female high shielded sheath current filter <ul style="list-style-type: none"> ✓ 1.50 m ✓ Screening factor according to EN 60966-2-5, class A ✓ White, in polybag with self service card 	7611682011555	1
BAK 252-00 BAK25200	Same as BAK 152-00, but 2.50 m	7611682012552	1
BAK 502-00 BAK50200	Same as BAK 152-00, but 5.00 m	7611682015041	1
BAK 752-00 BAK75200	Same as BAK 152-00, but 7.50 m	7611682017557	1
BAK 992-00 BAK99200	Same as BAK 152-00, but 10.00 m	7611682019957	1
BAK 125-90 BAK12590	Connection cable IEC axial connectors male female high shielded <ul style="list-style-type: none"> ✓ 1.25 m ✓ Screening factor according to EN 60966-2-5, class A ✓ White, in polybag with self service card 	7611682011258	1
BAK 150-90 BAK15090	Connection cable IEC axial connectors male female high shielded <ul style="list-style-type: none"> ✓ 1.50 m ✓ Screening factor according to EN 60966-2-5, class A ✓ White, in polybag with self service card 	7611682011500	1
BAK 250-90 BAK25090	Same as BAK 125-90, but 2.50 m	7611682012507	1
BAK 375-90 BAK37590	Same as BAK 125-90, but 3.75 m	7611682013757	1
BAK 500-90 BAK50090	Same as BAK 125-90, but 5.00 m	7611682015003	1
BAK 750-90 BAK75090	Same as BAK 125-90, but 7.50 m	7611682017502	1
BAK 999-90 BAK99990	Same as BAK 125-90, but 10.00 m	7611682019995	1

CONNECTION CABLES

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CLASS



KLASSE
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CLASS



KLASSE
A
CLASS



Type Part No.	Product description	GTIN	PU
BAK 153-00 BAK15300	Connection cable IEC right-angle connectors male female high shielded ✓ 1.50 m ✓ Screening factor according to EN 60966-2-5, class A ✓ White, in polybag with self service card	7611682011562	1
BAK 253-00 BAK25300	Same as BAK 153-00, but 2.50 m	7611682012569	1
BAK 373-00 BAK37300	Same as BAK 153-00, but 3.75 m	7611682013764	1
BAK 503-00 BAK50300	Same as BAK 153-00, but 5.00 m	7611682015058	1
BAK 753-00 BAK75300	Same as BAK 153-00, but 7.50 m	7611682017564	1
BAK 993-00 BAK99300	Same as BAK 153-00, but 10.00 m	7611682019964	1

SAT | connection cables

SAK 151-00 SAK15100	F Quickfix cable axial connectors male high shielded ✓ 1.50 m ✓ Screening factor according to EN 60966-2-7, class A ✓ White, in polybag with self service card	7611682091519	1
SAK 251-00 SAK25100	Same as SAK 151-00, but 2.50 m	7611682092516	1
SAK 501-00 SAK50100	Same as SAK 151-00, but 5.00 m	7611682095012	1
SAK 751-00 SAK75100	Same as SAK 151-00, but 7.50 m	7611682009750	1
SAK 991-00 SAK99100	Same as SAK 151-00, but 10.00 m	7611682099911	1

SAT | patch cables

SAK 21-02 SAK02102	F Quickfix patch cable right-angle connectors double shielded ✓ 0.20 m ✓ Screening factor according to EN 60966-2-6, class A ✓ White, in polybag	7611682006582	1
SAK 41-02 SAK04102	F Quickfix patch cable right-angle connectors double shielded ✓ 0.40 m ✓ Screening factor according to EN 60966-2-6, class A ✓ White, in polybag	7611682006599	1



Type Part No.	Product description	GTIN	PU
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Power supplies

For CATV/TERR components

BZU 100-00 BZU10000	Remote feed transformer 50V~/2A ✓ External power supply to be used exclusively as spare part for BVS 14-66 or BVS 20-66 ✓ Primary voltage: 230V~/50-60Hz ✓ Secondary voltage: 50V~/2A	7611682371000	1
BZU 150-00 BZU15000	Remote feed cable ✓ Accessory or spare part for BZU 100-00 ✓ F-male to 2 × 1.5 mm ² (tinned) ✓ 1.5 m	7611682371505	1
TZU 15-01P TZU01501P	Power inserter for CATV ✓ For remote feeding of CATV amplifiers ✓ 5 ... 1218 MHz ✓ Max. remote feed voltage 65 VAC/VDC 2 A 50 ... 60 Hz	7611682400007	1
TZU 11-02 TZU01102	Power supply 6V~/100 mA ✓ External power supply to be used exclusively as spare part for BVS 10-02	7611682000542	1
TZU 11-04 TZU01104	Power supply 12V~/200 mA ✓ External power supply to be used exclusively as spare part for BVS 10-00, BVS 10-30, TVS 21-00 or TAA 3-20	7611682006179	1
TZU 15-01 TZU01501	Power inserter for CATV ✓ For remote feeding of BVS 10-xx ✓ 5 ... 862 MHz ✓ Max. remote feed voltage 65 VAC/VDC 2 A 50 ... 60 Hz	7611682080162	1
TZU 15-04 TZU01504	Power inserter ✓ For remote feeding of CATV and SAT amplifiers ✓ Frequency range 5...2400 MHz ✓ Remote feed current 24 V/1 A	7611682005219	1
TZU 110-04 TZU11004	DC insertion set 12 V~/200 mA ✓ For DVB-C/S ✓ Power supply 12 V~/200 mA TZU 11-04 ✓ Power inserter TZU 15-04	7611682007527	1

For SAT components

SZU 99-06 SZU09906	Switching mode power supply 18 V~/2 A ✓ External power supply to be used exclusively as spare part for ORX 14-00, ORX 14-01, OPU 14-03, SES 522-06, SES 544-06, SES 984-06, SES 5216-06, SES 5416-06, SES 5816-06, SPU 1308-06, SPU 1312-06, SPU 1316-06, SPU 1324-06, SPU 1332-06, SPU 1708-06, SPU 1712-06, SPU 1716-06, SPU 1724-06, SPU 1732-06, SPU 512-06, SPU 516-06, SPU 524-06, SPU 532-06, SPU 58-06, SPU 912-06, SPU 916-06, SPU 924-06, SPU 932-06, SPU 98-06, SVS 440-06 ✓ Consisting of switching mode power supply SZU 99-15 and adapter cable with barrel connector 5.5 / 2.1 mm	7611682005530	1
SZU 99-22 SZU09922	Switching mode power supply 18 V~/700 mA ✓ External power supply to be used exclusively as spare part for SPU 510-09, SPU 516-09, SPU 54-09, SPU 56-09, SPU 58-09 ✓ Incl. adapters F to RCA and F-male to F-male	7611682160185	1

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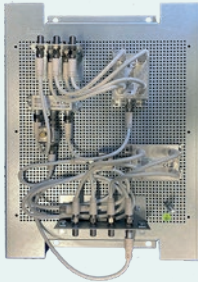
Type Part No.	Product description	GTIN	PU
Attenuation Equalization Filters Combiners			
Attenuators			
BZU 91-03 BZU09103	CATV attenuator F-female F-male ✓ 5...1006MHz ✓ 3 dB	7611682000375	1
BZU 91-06 BZU09106	Same as BZU 91-03, but 6 dB	7611682000382	1
BZU 91-10 BZU09110	Same as BZU 91-03, but 10 dB	7611682000399	1
BZU 92-03 BZU09203	Return path attenuator F-female F-male ✓ Attenuation in return path 3 dB ✓ No attenuation in forward path	7611682002805	1
BZU 92-06 BZU09206	Same as BZU 92-03, but 6 dB	7611682002812	1
BZU 92-09 BZU09209	Same as BZU 92-03, but 10 dB	7611682002829	1
TZU 4-00 TZU00400	Adjustable attenuator, CATV IEC-female IEC-male ✓ 0.5 - 20 dB	7611682080407	1
TZU 4-01 TZU00401	Same as TZU 4-00, but F-female F-male	7611682080414	1
SZU 3-00 SZU00300	SAT adjustable attenuator F-female F-male ✓ DC power pass ✓ die-cast housing ✓ 0.5...20 dB	7611682160307	1
SZU 44-00 SZU04400	SAT attenuator block F-female F-Quickfix ✓ Plug-on type for multiswitches SPU 5xx-09 SPU 9xx-09 SPU 17xx-09 ✓ For individual adjustment of the SAT input levels	7611682160444	1
SZU 91-01 SZU09101	Attenuator F-female F-male ✓ 10 dB attenuation ✓ DC power pass ✓ 0.1...2400 MHz	7611682160918	1
Equalizers Filters Combiners			
TZU 9-01 TZU00901	Cable equalizer 5 ... 1218 MHz, adjustable F female to F male ✓ Frequency range 5 ... 1218 MHz ✓ Equalisation adjustable 0 ... 18 dB	7611682008579	1
SZU 8-00 SZU00800	SAT equalizer F-female F-male ✓ Frequency range 47...2200 MHz ✓ Equalization range 950...2200 MHz	7611682160086	1
TZU 198-62 TZU19862	DVB-T Low-pass filter 5...862 MHz F ✓ Blocking depth >40 dB @ 950..2200 MHz ✓ For prevention of interferences from mobile phones ✓ F-female F-male	7611682081985	1
TZU 198-63 TZU19863	Same as TZU 198-02, but IEC	7611682081992	1



Type Part No.	Product description	GTIN	PU
TZU 19-65 TZU01965	High-pass filter return path blocker 5...65 MHz ✓ Frequency range 85...862 MHz ✓ Frequency range blocked 5...68 MHz ✓ Vodafone listed	7611682081961	1
TZU 19-66 TZU01966	High-pass filter return path blocker 5...65 MHz ✓ Frequency range 85...2400 MHz ✓ Frequency range blocked 5...68 MHz ✓ DC power pass	7611682000627	1
TZU 19-68X TZU01968X	High-pass filter return path blocker 5...204 MHz ✓ Frequency range 258...2200 MHz ✓ Frequency range blocked 5...204 MHz ✓ Blocking depth 45 dB ✓ DC power pass	7611682007961	1
TZU 10-00 TZU01000	Sheath current filter IEC-female IEC-male ✓ Hum suppressor-choke, isolator ✓ Galvanic and capacitive isolation of inner/outer conductor ✓ IEC/IEC	7611682000245	1
TZU 10-01 TZU01001	Same as TZU 10-00, but F-female F-male	7611682080100	1
TZU 10-02 TZU01002	Sheath current filter F-female F-male ✓ Hum suppressor-choke, isolator ✓ Galvanic and capacitive isolation of inner/outer conductor ✓ Plastic housing ✓ Vodafone listed	7611682081022	1
SZU 12-00 SZU01200	22 kHz blocker F-female F-male ✓ 47...2400 MHz	7611682160123	1
SZU 13-00 SZU01300	Test port ✓ 47...2400 MHz	7611682160130	1
SZU 14-00 SZU01400	DC blocker F-female F-male ✓ 5...2200 MHz	7611682160147	1
SWE 2-10 SWE00210	SAT combiner F ✓ For combining of two satellite inputs onto a common line	7611682004588	1
SWE 20-01 SWE02001	SAT/terrestrial combiner 2-way F ✓ For combining terr. and satellite (single LNB) inputs onto a common line ✓ DC power pass	7611682290028	1
SWE 30-01 SWE03001	Same as SWE 20-01, but 3-way for twin-LNB	7611682290301	1
SWE 40-01 SWE04001	4-way combiner for Quad-LNBs F ✓ To feed in terrestrial signals in a SAT system with Quad-LNB (LNB with integrated multiswitch)	7611682003468	1
SZU 55-02 SZU05502	Singlecable system combiner ✓ To combine two singlecable multiswitches to one system ✓ For receiving of four satellite positions ✓ 5...2400 MHz	7611682006247	1



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Type Part No.	Product description	GTIN	PU
SMARTSolutions (DOCSIS EoC)			
CMTS (Cable Modem Termination System)			
CMTS 1-00N CMTS00100N	Cable Modem Termination System 16x4 <ul style="list-style-type: none"> ✓ Feeding in Internet services in hospitality CATV systems ✓ According to DOCSIS and EuroDOCSIS 3.0 / 2.0 ✓ For up to 256 modems ✓ 16 downstream channels ✓ 4 upstream channels ✓ 800 Mbps in the downstream ✓ 120 Mbps in the upstream ✓ Web-based configuration ✓ Supports SNMP ✓ 19" housing, 1RU 	7611682009736	1
CMTS 2-00 CMTS00200	Cable Modem Termination System 32x8 <ul style="list-style-type: none"> ✓ Feeding in Internet services in small cable systems ✓ According to DOCSIS and EuroDOCSIS 3.0 / 2.0 ✓ For up to 512 modems ✓ 32 downstream channels ✓ 8 upstream channels ✓ 1600 Mbps in the downstream ✓ 240 Mbps in the upstream ✓ Web-based configuration ✓ Supports SNMP ✓ 19" housing, 1RU 	7611682007206	1
CMTS Accessories			
BZU 65-85 BZU06585	Diplexer <ul style="list-style-type: none"> ✓ For splitting or merging the return path (upstream) and forward path (downstream) for the signals of a Cable Modem Termination System (CMTS) ✓ Class A + 10 dB according to EN 50083-2 	7611682007480	1
CZU 2-00 CZU00200	Additional power supply unit CMTS 2-00 <ul style="list-style-type: none"> ✓ To be used exclusively as spare part or as redundant power supply for the CMTS 2-00 	7611682007572	1
CZU 3-00 CZU00300	Startup kit with accessories for CMTS 2-00 <ul style="list-style-type: none"> ✓ 1 x BZU 65-85 Diplexer 65/85 MHz ✓ 2 x BVE 4-02P 4-way splitter 5 ... 1218 MHz type 02 ✓ 2 x TZU 4-01 Adjustable attenuator, CATV F-female F-male 0.5 ... 20 dB" ✓ 11 x MAK 20-80 Patch cable axial F connectors male double shielded 0.20 m ✓ 7 x SAK 151-00 Quickfix cable axial F connectors male high shielded 1.50 m ✓ 1 x QEW 4-06 Earthing angle single-rowed 4-way ✓ 1 x QEW 5-50 Earthing angle 5-way ✓ 1 x QMP 3045 perforated mounting plate 300 x 400 mm (the components are pre-assembled and wired on it) 	7611682008760	1

The right cable modem for every project

For CMTS projects, it makes sense to select the appropriate modem at the time of implementation. At AXING this is done not only from a purely technical point of view but also under the motto Green IT / Refurbished IT!



AXING uses refurbished modems from well-known manufacturers. Refurbished modems work like new, come with full warranty, but cost less. You save CO² as well as electronic waste. So you protect the environment without having to sacrifice quality.



Type Part No.	Product description	GTIN	PU
Cable modems			
CMO 1-98R CMO00198R	Cable modem DOCSIS/EuroDOCSIS <ul style="list-style-type: none"> ✓ Full-Band Capture Tuner ✓ Dynamic downstream/upstream combinations ✓ Supports up to 8 downstream and 4 upstream channels ✓ Downstream data rate up to 440 Mbps ✓ Upstream data rate up to 120 Mbps ✓ GbE port for 10/100/1000Base-T Ethernet with auto-negotiation ✓ Refurbished (CISCO EPC3208) 	7611682009781	1
CMO 2-98R CMO00298R	Cable gateway DOCSIS/EuroDOCSIS Wi-Fi <ul style="list-style-type: none"> ✓ Full-Band Capture Tuner ✓ Dynamic downstream/upstream combinations ✓ Supports up to 16 downstream and 4 upstream channels ✓ Downstream data rate up to 800 Mbps ✓ Upstream data rate up to 120 Mbps ✓ 4 × GbE port for 10/100/1000Base-T Ethernet with auto-negotiation ✓ Wi-Fi 802.11n 2x2 MIMO 2.4 GHz , 802.11ac 3x3 MIMO 5 GHz ✓ 2 × FXS ports for phone or fax ✓ Refurbished (Technicolor EPC3940) 	7611682009873	1
Ethernet over Coax Peer-to-Peer			
EOC 1-31 EOC00131	Ethernet over Coax Peer-to-Peer 720 Mbps <ul style="list-style-type: none"> ✓ Feeding IP signals into SAT, CATV orDVB-T systems or headends ✓ Transmission range 5...65 MHz ✓ Net data rate 720 Mbps (PHY) ✓ 128 bit AES encryption ✓ 2 x RJ 45 Connectors ✓ Incl. external switching power supply 	7611682007770	1
EOC 2-31 EOC00231	Same as EOC 1-31, but with WiFi access point	7611682007787	1
EOC 1-32 EOC00132	Ethernet over Coax Peer-to-Peer 1800 Mbps <ul style="list-style-type: none"> ✓ Feeding IP signals into SAT, CATV orDVB-T systems or headends ✓ Transmission range 5...204 MHz, may only be used if the forward path frequency range starts from 258 MHz ✓ Net data rate 1800 Mbps (PHY) ✓ 128 bit AES encryption ✓ 2 x RJ 45 Connectors ✓ Incl. external switching power supply 	7611682007800	1
EOC 2-32 EOC00232	Same as EOC 1-32, but with WiFi access point	7611682007817	1
Ethernet over Coax Master-Endpoint			
EOC 30-01 EOC03001	Ethernet over Coax Master 1800 Mbps <ul style="list-style-type: none"> ✓ Feeding IP signals into existing coax cable networks for max. 16 Endpoints ✓ Data transmission range 5...204 MHz ✓ Net data rate 1800 Mbps (PHY) ✓ 128 bit-AES-Encryption ✓ Web interface for configuration ✓ 2 x RJ 45 Connectors for internet modem and configuration ✓ Incl. external switching power supply 	7611682008074	1
EOC 30-21 EOC03021	Same as EOC 30-01, but max. 32 Endpoints	7611682008104	1
EOC 30-02 EOC03002	Ethernet over Coax Endpoint WiFi <ul style="list-style-type: none"> ✓ Connects WiFi and Ethernet devices over established coaxial cable to the EoC 30-01/-21 Master ✓ Data transmission range 5...204 MHz ✓ Net data rate 1800 Mbps (PHY) ✓ WiFi access point for tablet, smartphone, notebook (2,4/5 GHz band) ✓ 2 x RJ 45 connectors for PC/Notebook ✓ Incl. external switching power supply 	7611682008081	1
EOC 30-03 EOC03003	Same as EOC 30-02, but without WiFi	7611682008098	1

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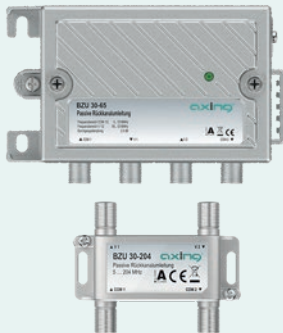
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Type Part No.	Product description	GTIN	PU
Ethernet over Coax Accessories			
TZU 40-03 TZU04003	EoC inserter 4 dB <ul style="list-style-type: none"> ✓ For feeding in RF-modulated IP signals ✓ 5...1006 MHz 85...1006 MHz (with 85 MHz high-pass filter) ✓ 4 dB EoC loss between connector "EoC" and connector "Eingang/Ausgang" ✓ 4 dB through loss between the connector "terr. Signale" and the connector "Eingang/Ausgang" ✓ Connection 1: terr. Signale ✓ Connection 2: EoC ✓ Connection 3: Eingang/Ausgang 	7611682003475	1
TZU 40-04 TZU04004	EoC inserter 15 dB <ul style="list-style-type: none"> ✓ To feed in RF modulated IP signals ✓ 5...1006 MHz 85...1006 MHz (with high pass filter 85 MHz) ✓ 15 dB EoC loss between connector "EoC" and connector "Input/Output" ✓ 1,3 dB through loss between connector „terr. Signale“ and connector „Eingang/Ausgang“ ✓ Connector 1: terr. Signale ✓ Connector 2: Eingang/Ausgang ✓ Connector 3: EoC 	7611682004472	1
TZU 40-05 TZU04005	RF and EoC inserter <ul style="list-style-type: none"> ✓ 5 ... 1218 MHz ✓ Tap loss 4 dB ✓ To feed in RF modulated IP signals ✓ With high pass filter 258 MHz 	7611682008142	1
TZU 19-65 TZU01965	High-pass filter return path blocker 5...65 MHz <ul style="list-style-type: none"> ✓ Frequency range 85...862 MHz ✓ Frequency range blocked 5...68 MHz ✓ Vodafone listed 	7611682081961	1
TZU 19-66 TZU01966	High-pass filter return path blocker 5...65 MHz <ul style="list-style-type: none"> ✓ Frequency range 85...2400 MHz ✓ Frequency range blocked 5...68 MHz ✓ DC power pass 	7611682000627	1
TZU 19-68X TZU01968X	High-pass filter return path blocker 5...204 MHz <ul style="list-style-type: none"> ✓ Frequency range 258...2200 MHz ✓ Frequency range blocked 5...204 MHz ✓ Blocking depth 45 dB ✓ DC power pass 	7611682007961	1
TZU 198-64 TZU19864	EoC low-pass filter 5 ... 65 MHz F <ul style="list-style-type: none"> ✓ For prevention of FM/TV interferences up to 204 MHz ✓ To reduce the EoC frequency range to 5 ... 65 MHz ✓ Blocking depth > 50 dB @ 85 ... 2200 MHz ✓ F-female F-male 	7611682008258	1
BZU 30-65 BZU03065	Passive return channel bypass 5 ... 65 MHz <ul style="list-style-type: none"> ✓ EoC signals 5 ... 65 MHz can be routed passively around a broadband amplifier ✓ Separates and recombines the frequency ranges 5 ... 65 MHz and 85 ... 1218 MHz 	7611682007091	1
BZU 30-204 BZU030204	Passive return channel bypass 5 ... 204 MHz <ul style="list-style-type: none"> ✓ EoC signals 5 ... 204 MHz can be routed passively around a broadband amplifier ✓ Separates and recombines the frequency ranges 5 ... 204 MHz and 258 ... 1218 MHz 	7611682008289	1

10 km



11,3 Gbps

20 km



11,3 Gbps



Type Part No.	Product description	GTIN	PU
Optical distribution digital			
Bidirectional SFP+ Transceiver			
SFPB 10-1023 SFPB101023	Bidirectional SFP+ Transceiver 10G 10 km TX 1270 nm RX 1330 nm ✓ Operating data rate up to 11.3 Gbps ✓ Single +3.3 V ± 5 % power supply ✓ LC single connector ✓ Hot pluggable 20 pin connector ✓ Power Dissipation < 1.5W ✓ Digital Monitoring SFF-8472 Rev. 10 compliant ✓ Compliant to SFP+ MSA ✓ PIN Rx photo diodes ✓ 9/125 µm SMF (single mode fibre) ✓ Operation with suitable SFP+ transceiver	7611682008371	1
SFPB 10-1032 SFPB101032	Same as SFPB 10-1032, but 10 km TX 1330 nm/RX 1270 nm	7611682008388	1
SFPB 10-2023 SFPB102023	Same as SFPB 10-1032, but 20 km TX 1270 nm RX 1330 nm	7611682008395	1
SFPB 10-2032 SFPB102032	Same as SFPB 10-1032, but 20 km TX 1330 nm/RX 1270 nm	7611682008401	1
Accessories			
OAK 1-04 OAK00104	Optic cable steel armoured LC/UPC 1 m ✓ 1 m in polybag ✓ Assembled with LC/UPC plugs ✓ Type single-mode ✓ Colour grey	7611682008586	1
OAK 5-04 OAK00504	Same as OAK 1-04, but 5 m	7611682008609	1
OAK 10-04 OAK01004	Same as OAK 1-04, but 10 m	7611682008616	1
OAK 100-04 OAK10004	Same as OAK 1-04, but 100 m	7611682008623	1
OAK 500-04 OAK50004	Same as OAK 1-04, but 500 m	7611682008630	1
OZU 1-04 OZU00104	Optical joint LC/UPC ✓ LC/UPC connector ✓ female female	7611682008647	1
OAK 1-43 OAK00143	Optical adapter cable LC/UPC - SC/APC 1 m ✓ 1 m in polybag ✓ Assembled with LC/UPC and SC/APC plugs ✓ Type single-mode ✓ Colour grey	7611682008593	1



Type Part No.	Product description	GTIN	PU
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Audio/Video

Audio/Video modulators

AVM 3-00 AVM00300	TWIN Audio/video modulator mono UHF <ul style="list-style-type: none"> ✓ Modulates an AV signal into a RF signal ✓ CCD camera, video camera etc. can be connected ✓ RF output UHF 470...862 MHz, PAL B/G ✓ Active RF-loop through ✓ Output level 70...90 dBµV adjustable ✓ LED display for channel indication ✓ With plug-in power supply 	7611682001716	1
AVM 6-00 AVM00600	Audio/video modulator stereo VHF UHF <ul style="list-style-type: none"> ✓ Modulates an AV signal into a RF signal ✓ CCD camera, video camera or DVD player etc. can be connected ✓ RF output 85 dBµV, VHF/UHF/S11-S41, 47...862 MHz, PAL B/G ✓ LED display for channel indication ✓ With plug-in power supply, cinch/SCART cable, 2 x F to IEC cable 	7611682001693	1

Audio/Video converters

AVC 1-00 AVC00100	Audio/Video converter HDMI <ul style="list-style-type: none"> ✓ Converts one analogue CVBS-signal into HDMI ✓ Resolution is switchable between 720p and 1080p ✓ Incl. power supply and HDMI cable (1 m) 	7611682006261	1
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