Mini CMTS

- Feeding in internet services in small cable systems
- According to DOCSIS and EuroDOCSIS 3.0 / 2.0*
- Web-based configuration
- Supports SNMPv1, v2c, v3
- 19” housing, 1RU

Available devices:
- CMTS 1-00  Mini CMTS
  - 16 downstream and 4 upstream channels
  - 800 Mbps in the DS and 120 Mbps in the US

*Suitable cable modems on request

ATTENTION: This document contains technical improvements, changes in design, printing- and other errors expected.
Rear

Two redundant power supplies

F-female downstream

4 × F-female upstream

Testport downstream

Front

RJ45 configuration interface

SFP interface for internet access

RJ45 interface for internet access

Type | CMTS 1-00
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Downstream frequency range | 87…1002 MHz
Number of downstream channels | 16
Bandwidth of downstream channels | 6/8 MHz
Modulation downstream | 64-/256-QAM
Upstream frequency range | 5…65 MHz
Number of upstream channels | 4
Bandwidth of upstream channels | 1.6/3.2/6.4 MHz
Modulation upstream | QPSK/16-/32-/64-QAM
Number of connectors | 1 × F-female downstream
 | 4 × F-female upstream
Max. output level | 104 dBµV @ 16 Ch
MER | ≥35 dB @ Equalizer off
 | ≥43 dB @ Equalizer on
Return loss | ≥12 dB
Max. number of modems in the network | 200 @ DOCSIS 3.0 / 500 @ DOCSIS 2.0
Data interface | SFP (GPON, EPON, GE ONU)
 | RJ45, IEEE 802.3, 1000 Base-T
Configuration interface | RJ45, IEEE 802.3, 1000 Base-T
Supported management protocols | SSH/telnet, SNMPv1, v2c, v3
Operation voltage | 90…264 VAC | 50/60 Hz
Power consumption | 50 W
Operating temperature range | 0…+40°C
Operating humidity | 10…90%
Dimensions (W × H × D) appr. | 483 mm × 44 mm × 300 mm