

## CMTS 1-00N Cable Modem Termination System | 16×4



- ✓ 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
- ✓ SFP+ interface for Uplink (SFP+ module not included)
- ✓ Web-based configuration
- ✓ Supports SNMP
- ✓ 19" housing, 1RU

### Order information

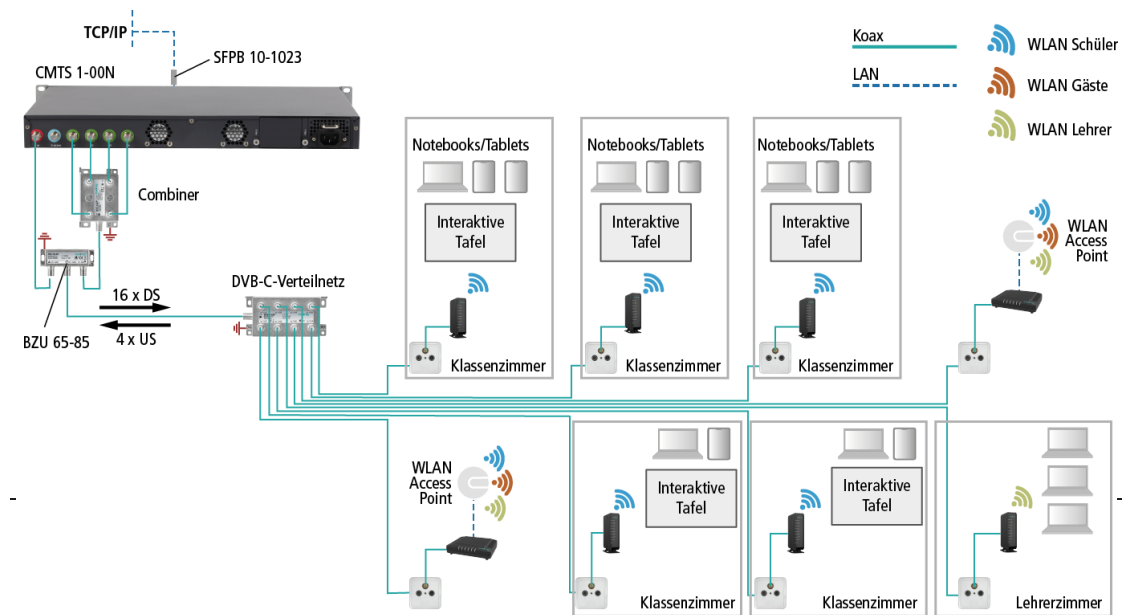
Type	CMTS 1-00N
Order no.	CMTS00100N
GTIN	7611682009736
PE	1
VE	1
EU customs tariff number	85176200



### Technical data

Max. number of modems in the network	256
<b>Downstream</b>	
Number of channels	16
Data rate	800 Mbps
Frequency range	87 ... 1002 MHz
Channel bandwidth	6 MHz / 8 MHz
Modulation	QAM64, QAM256
Output level	43 dBmV = 103 dBμV @ 16 chs 46 dBmV = 106 dBμV @ 8 chs 49 dBmV = 109 dBμV @ 4 chs 52 dBmV = 112 dBμV @ 2 chs 55 dBmV = 115 dBμV @ 1 ch
MER	≥ 39 dB @ Equalizer off ≥ 43 dB @ Equalizer on
<b>Upstream</b>	
Number of channels	4
Data rate	120 Mbps
Frequency range	5 ... 65 MHz
Channel bandwidth	1.6 MHz / 3.2 MHz / 6.4 MHz
Reception level range	-7...+23 dBmV @ 6.4 MHz -10...+20 dBmV @ 3.2MHz -13...+17 dBmV @ 1.6MHz
Demodulation	QPSK, QAM16, QAM32, QAM64
<b>Interfaces</b>	
SFP	1 × 10GE SFP+
Ethernet connectors	1 × RJ45
Ethernet standards	IEEE 802.3ah, 1000 Base-T
Serial	1 × 115200 bps
<b>Connectors</b>	
Connector type	F-female
Return loss	≥ 13 dB
<b>General</b>	
Operating temperature range	0 ... +40°C
Operating humidity (non-condensing)	10 ... 90%
Operating voltage	90...264 VAC   47...63Hz
Power consumption	50 W
Dimensions (W × H × D) appr.	483 × 44 × 300 mm
Weight	5.100 kg

## Example of use



## Suitable products

[CMO 1-98R Cable modem DOCSIS/EuroDOCSIS](#)

[CMO 2-98R Cable gateway DOCSIS/EuroDOCSIS | Wi-Fi](#)

[BZU 65-85 Diplexer 65/85 MHz](#)

[CZU 2-00 Additional power supply unit CMTS 2-00](#)

[CZU 3-00 Startup kit with accessories for CMTS 2-00](#)

[SFPB 10-1023 Bidirectional SFP+ Transceiver 10G | 10 km | TX 1270 nm | RX 1330 nm](#)

[SFPB 10-1032 Bidirectional SFP+ Transceiver 10G | 10 km | TX 1330 nm/RX 1270 nm](#)

[SFPB 10-2023 Bidirectional SFP+ Transceiver 10G | 20 km | TX 1270 nm | RX 1330 nm](#)

[SFPB 10-2032 Bidirectional SFP+ Transceiver 10G | 20 km | TX 1330 nm/RX 1270 nm](#)