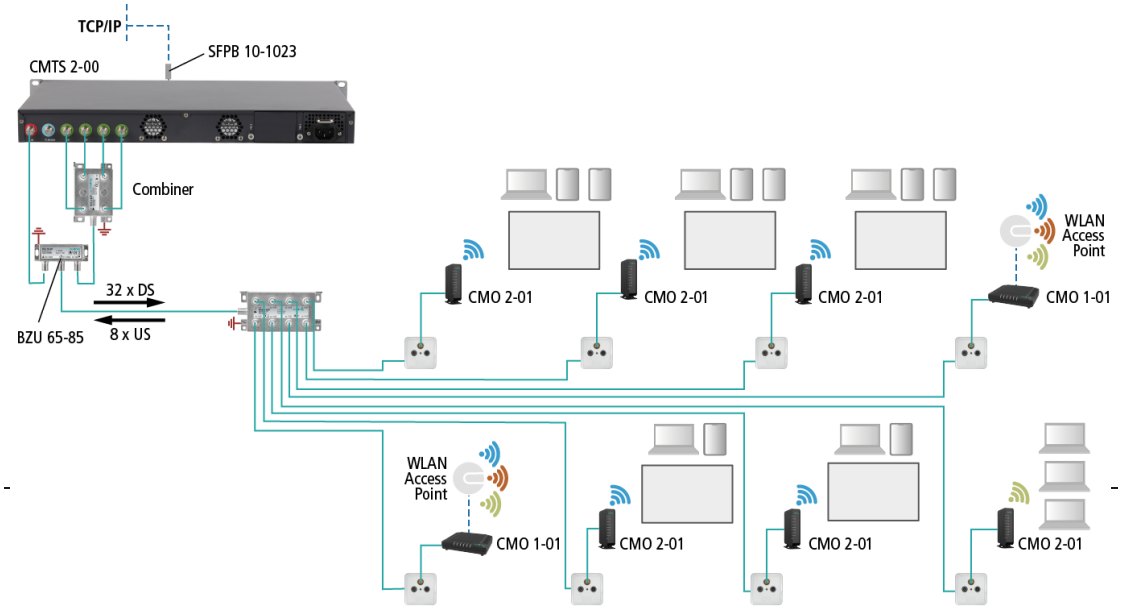
CMO 1-01 DOCSIS/EuroDOCSIS cable modem

- ✔ Full-Band Capture Tuner
- ✔ Dynamic downstream/upstream combinations
- ✔ Supports up to 8 downstream and 4 upstream channels
- ✔ Downstream data rate up to 400 Mbps
- ✔ Upstream data rate up to 160 Mbps
- ✔ GbE port for 10/100/1000Base-T Ethernet with auto-negotiation

Order information

Type	CMO 1-01
Order no.	CMO00101
GTIN	7611682007435
PE	1
VE	1
EU customs tariff number	85176200

Technical data

Downstream	
Data rate	Max. 320 Mbps @ DOCSIS Max. 400 Mbps @ EuroDOCSIS
Frequency range	108…1002 MHz
Channel bandwidth	6 MHz @ DOCSIS 8 MHz @ EuroDOCSIS
Channel bonding	≤8
Input level	-15 dBmV…+15 dBmV
Demodulation	QAM64, QAM256
Upstream	
Data rate	120 Mbps @ TDMA 160 Mbps @ S-CDMA
Frequency range	5…42 MHz @ DOCSIS 5…65 MHz @ EuroDOCSIS
Channel bandwidth	200/400/800/1600/3200/6400 KHz
Reception level range	8…58 dBmV @ QPSK 8…54 dBmV @ 64 QAM 8…54 dBmV @ 32 QAM 8…53 dBmV @ S-CDMA
Channel bonding	≤4
Modulation	QPSK, QAM8, QAM16, QAM32, QAM64, QAM128 (SCDMA)
Interfaces	
Ethernet connectors	1 × RJ 45
Ethernet standards	IEEE 802.3 10Base-T | 802.3u 100Base-TX | 802.3ab 1000Base-T (GigE)
Supported transport protocolls	IP, TCP, UDP, ARP
Supported application protocols	HTTP, ICMP, DHCP, TFTP, SNMP
DOCSIS	F-female (75 Ohm)
General	
Operating temperature range	0…40 °C
Storage temperature range	-20…70 °C
Operating humidity (non-condensing)	10…90%
Operating voltage	12 VDC
Dimensions (W × H × D) appr.	160 × 125 × 33 mm
Weight	0.200 kg
External accessories	
Plug-in power supply	100…240 V/50…60 Hz | 12 V=/1 A
General	
Comments	*including the RF connector

Example of use