

CMO 2-01 DOCSIS/EuroDOCSIS cable modem | WiFi



- ✓ 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
- ✓ Two GbE ports for 10/100/1000Base-T Ethernet with auto-negotiation
- ✓ WiFi according to IEEE 802.11b/g/n

Order information

Type	CMO 2-01
Order no.	CMO00201
GTIN	7611682007442
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 (LAN)	2 × RJ 45
Ethernet standards	IEEE 802.3 10Base-T 802.3u 100Base-TX 802.3ab 1000Base-T (GigE)
WiFi standard	IEEE 802.11b/g/n
WiFi band	2.4 GHz single-band
Wifi signal rate	300 Mbps
WiFi encryption	WPA/WPA2
Supported transport protocols	IP, TCP, UDP, ARP, TR-069
Supported application protocols	HTTP, ICMP, DHCP, TFTP, SNMP
DOCSIS	F-female (75 Ohm)

General

Operating voltage	12 VDC
Operating temperature range	0...40 °C
Storage temperature range	-10...60 °C
Operating humidity (non-condensing)	10...90%
Dimensions (W × H × D) appr.	167 × 125 × 38 mm
Weight	0.320 kg

External accessories

Plug-in power supply	110...240 V/50...60 Hz 12 V=1.5 A
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Example of use

