CCAP 1-00 Mini Remote CCAP



- ✔ DOCSIS/EdgeQAM solution
- ✔ 32 x 8 Bonding DOCSIS 3.0
- ✔ Up to 63 cable modems
- ✔ EdgeQAM for 16 DVB-C channels
- ✔ Single channel output level min. 104 dBµV
- ✔ Robust outdoor housing
- ✔ Power consumption less then 40 watts
- ✔ Very small dimensions and low weight

Order information

Type	CCAP 1-00
Order no.	CCAP00100
GTIN	7611682400434
PE	1
VE	1
EU customs tariff number	85176200

Technical data

Max. number of modems in the network	63
Downstream	
Number of channels	32
Data rate	1600 Mbps
Frequency range	87 … 1006 MHz
Channel bandwidth	8 MHz
Modulation	QAM64, QAM256, QAM1024
Output level	44 dBmV = 104 dBµV @ 32 chs
MER	≥ 35 dB @ Equalizer off | ≥ 43 dB @ Equalizer on
Upstream	
Number of channels	8
Data rate	240 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, QAM256
Interfaces	
SFP	1 × 10GE SFP+
Ethernet connectors	1 × RJ45
Ethernet standards	IEEE 802.3ah, 1000 Base-T
Serial	1 × 115200 bps
EdgeQAM output	
Number of channels	16 @ DVB-C
Output level	104 dBµV @ DVB-C
Frequency range	108 …1006 MHz @ DVB-C
Selectable channels	S2…K87 @ DVB-C
Connectors	
Connector type	F-female
Return loss	≥ 13 dB
General	
Operating temperature range	–40 … +70°C
Operating humidity (non-condensing)	10 … 90%
Operating voltage	12 VDC
Power consumption	< 40 W
Dimensions (W × H × D) appr.	227 × 225 × 61 mm

Weight	3.0 kg

Suitable products

CMO 1-98R Cable modem DOCSIS/EuroDOCSIS
CMO 2-98R Cable gateway DOCSIS/EuroDOCSIS | Wi-Fi
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