

COMMSCOPE CM3200

32X8 DOCSIS 3.0 KABELMODEM

- DOCSIS 3.0 / EuroDOCSIS 3.0 zertifiziert und abwärtskompatibel
- Externer AC/DC Adapter für kleinere Produktgröße
- Flexibler DS x US Channel Bonding Support (bis zu 32x8)
- DS Spektrum Analyse, Speed Test und LEDs für Fehlersuche
- Business Services über DOCSIS (BSoD) Support
- Verfügbar mit 42 MHz und 85 MHz Upstream Option



LIEFERUMFANG

- CM3200 Kabel-Modem
- Netzgerät
- Ethernet-Kabel



NETZGERÄT

- 12 V DC
- 1 A
- 12 W

SPEZIFIKATIONEN

PHYSICAL	
Operating Temperature °F (°C)	32 to 104 (0 to 40)
Operating Relative Humidity (Min-Max)	5-95% (non-condensing)
Storage Temperature °F (°C)	-40 to 158 (-40 to 70)
Dimensions (H x W x D) in. (cm) Excludes F-connector	5.9 x 5.3 x 1.8 (15.0 x 13.5 x 4.6)
Weight lbs (kg)	0.77 (0.35)
Diagnostic LEDs	Power, US/DS, Online, LAN
INTERFACES	
RF Interface	External 75Ω 'F' type connector
Data Interface	10/100/1000 Base-T Ethernet RJ-45
Power Interface (nominal)	Adapter input = 115-240 VAC, 50/60 Hz Adapter output (to CM3200) = 12V/2A
RF DOWNSTREAM	
Frequency Range (MHz) (edge-to-edge)	CM3200A/NA: 88-1002 CM3200B/CE-85: 108-1002
Bonded Channels	Up to 32
Tuner Configuration	Full capture tuning range
Modulation (QAM)	64 or 256
Data Rate (Mbps, Theoretical)	Up to 1000 (limited by GigE interface)
RF Input Sensitivity Level (dBmV)	-15 to +15
Carrier Bandwidth (MHz)	8 (Annex A) or 6 (Annex B)
MoCA® Immunity Filter	Embedded
RF UPSTREAM	
Frequency Range (MHz)	CM3200A/NA: 5-42 CM3200B/CE-85: 5-85
Bonded Channels	Up to 8
Modulation	QPSK, 8QAM, 16QAM, 32QAM, 64QAM, 128QAM (S-CDMA only)
Modulation Bandwidth (kHz)	TDMA: 200, 400, 800, 1600, 3200, 6400 S-CDMA: 1600, 3200, 6400
Data Rate (Mbps, Theoretical)	Up to 240 Max raw DOCSIS rate; actual throughput is less due to overhead, configuration, and RF conditions
RF Output Level (dBmV-1 channel)	TDMA: +17-61 (QPSK); +17-58 (8QAM, 16QAM); +17-57 (32QAM, 64QAM) S-CDMA: +17 to +56 (all modulations) Note1: A-TDMA max output reduced 3dB when transmitting 2 channels (6dB when transmitting 3+ channels). Extended US power compensates at higher bonding levels to ensure max output does not drop below +54dBmV. Note2: S-CDMA max output reduced 3dB when transmitting 2 or more channels.
Automatics Level Adjust	Yes
Frequency Stability (kHz)	±5
Output Impedance (Ω)	75
STANDARDS	
DOCSIS® 3.0 Certified	UL® 60950 / CB
FCC Part 15 Class B	RoHS / WEEE
IEEE 802.3, IEEE 802.3ab	

BESTELLINFORMATIONEN

BESTELLNUMMER	BESCHREIBUNG
1000030	CM3200A/NA, DOCSIS 3.0 CM, SHIPS IN 32X8 MODE, 115-240VAC 50/60Hz (external adapter), NA Power Cord, 1x GigE, No USB, RoHS
1000614	CM3200B/CE-85; DUAL MODE D3.0/ED3.0, SHIPS IN 32X8 MODE, 5-85MHZ UPSTREAM, 200-240VAC, 50/60Hz (external adapter), CE Power Cord, 1x GigE, No USB, RoHS