

DOCSIS 3.0 24x8 Data Cable Modem

Hardware

- Interface F-type female WAN port
1 Gigabit LAN port
- Button Power On/Off button
- Power Supply 12VDC/1.5A
- Dimension (W*L*H) 172*132*35 mm
- Weight 365 g (device only)

RF Downstream

- Frequency Range 108 ~ 1002 MHz
- Bonded Channels Up to 24
- Capture Bandwidth 1 GHz
- Carrier Bandwidth 6 (DOCSIS) or 8 (EuroDOCSIS) MHz
- Modulation 64 or 256 QAM
- Data Rate Up to 900 Mbps (DOCSIS)
& 1200 Mbps (EuroDOCSIS)
- Input Power Level DOCSIS: +/- 15 dBmV
EuroDOCSIS: +/- 17 dBmV

RF Upstream

- Frequency Range 5 ~ 85 MHz
- Bonded Channels Up to 8
- Modulation QPSK, 8 QAM, 16 QAM, 32 QAM, 64 QAM, 128 QAM (S-CDMA only)
- Data Rate Up to 200 Mbps
- Output Signal Level A-TDMA 32/64 QAM: +17 ~ 57 dBmV
A-TDMA 8/16 QAM: +17 ~ 58 dBmV
A-TDMA QPSK: +17 ~ 61 dBmV
S-CDMA: +17 ~ 56 dBmV
- Auto Level Adjustment Yes
- Frequency Stability +/- 5 KHz

* The information is subject to change without notice

Ordering Information

- CBC384D1 DOCSIS 3.0 Data Cable Modem with 1-Port Gigabit Ethernet
- CBC384D1E EuroDOCSIS 3.0 Data Cable Modem with 1-Port Gigabit Ethernet



Protocols

- Network Protocol IP / TCP / UDP / ARP / ICMP / DHCP / TP / TFTP / SNMP / HTTP
- Application protocol SNMP v1 / v2 / v3
- DHCP Client Automatically gets IP and DNS server address from DHCP server at ISP
- ToD (RF868) ToD support for local and MSO time synchronization
- TFTP Client TFTP support for cable modem configuration file download
- Tools Pin tool via ICMP & speed test via UDP
- Management Web-based management utility

Environmental

- Operating Temperature 0 ~ 40°C
- Storage Temperature -10 ~ 60°C
- Operating Humidity 5 ~ 95% non-condensing