

# CBC384D1

**CASTLENET**

## DOCSIS 3.0 24x8 Data Modem

### Hardware

- Interface F-type female WAN port  
1 Gigabit LAN port
- Button Power On/Off
- Power Supply DC 12V/1.5A
- Dimension (W\*L\*H) 176\*135\*36 mm
- Weight 360 +/- 10g (device only)

### RF Downstream

- Frequency Range 108 ~ 1002 MHz
- Bonded Channels Up to 24
- Capture Bandwidth 1 GHz
- Carrier Bandwidth DOCSIS: 6 MHz  
EuroDOCSIS: 8 MHz
- Modulation 64, 256 or 1024 QAM
- Data Rate DOCSIS: up to 900 Mbps  
EuroDOCSIS: up to 1.2Gbps

### RF Upstream

- Frequency Range 5 ~ 85 MHz
- Bonded Channels Up to 8
- Modulation 256 QAM, 128 QAM (S-CDMA only), 64 QAM, 32 QAM, 16 QAM, 8 QAM, QPSK
- Data Rate Up to 200 Mbps



### Protocols

IPv4, IPv6, TR-069, TCP, UDP, ARP, ICMP, DHCP, TFTP, SNMP, HTTP

### Standards

DOCSIS 3.0/2.0, FCC Part 15 Class B, CE, CB, UL, RoHS, WEEE

### Environmental

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

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\* The information is subject to change without notice