

# CBM200x2F Series

## Mini-Size DOCSIS/EURODOCSIS 1.0/1.1/2.0 Cable Modem

### CBM200x2F Series

#### Feature

- DOCSIS/EURODOCSIS 1.0/1.1 / 2.0 Compliant
- Cigarette box size
- Ethernet 100Mbps (Auto MDI/MDIX)
- QoS enhancement
- Low Power Consumption
- MSO SNMP v1/v2c/v3 remote network management
- Field software upgradeable by MSO
- Embedded DHCP server support
- Web log
- Support VPN pass through
- Supports up to 63 networked clients



#### Specification

##### Standard Support

DOCSIS / EURODOCSIS 1.0 / 1.1 / 2.0

##### DOCSIS/EURODOCSIS Downstream

Demodulation	64QAM, 256QAM
Data Rate	30Mbps (64QAM), 43Mbps (256QAM) / DOCSIS 41Mbps (64QAM), 55Mbps (256QAM) / EURODOCSIS
Frequency Range	88MHz to 860MHz / DOCSIS 108MHz to 862MHz / EURODOCSIS
Bandwidth	6MHz / DOCSIS 8MHz / EURODOCSIS
Input Signal Level	-15dBmV to +15dBmV

##### DOCSIS/EURODOCSIS Upstream

Modulation	QPSK, 16QAM, 32QAM, 64QAM, 128QAM
Data Rate	0.32~30.72 Mbps (TDMA) 2.56~35.84 Mbps (SCDMA)
Frequency Range	5MHz to 42MHz / DOCSIS 5MHz to 55MHz / Japan 5MHz to 65MHz / EURODOCSIS
Bandwidth	200KHz, 400KHz, 800KHz, 1600KHz, 3200KHz, 6400KHz
Output Signal Level	+8 to +58dBmV(QPSK), +8 to +55dBmV(16QAM), +8 to +54dBmV (32QAM), +8 to +53dBmV(S-CDMA)

##### Interface

Ethernet	Ethernet 10-baseT/100 Mbps (Auto MDI/MDIX)
Cable Interface	F-type female 75 ohm connector
LED	Power / Cable / LAN

##### Environment Specification

Dimension	103 (L) x 56 (W) x 23 (H) mm
Weight	90 g
Input	5V DC, 2A
Temperature	0 degree Celsius to 40 degree Celsius
Humidity	95% Non-condensing

##### Certification

FCC, CE, VCCI

#### Product Description

The DOCSIS/EURODOCSIS 1.0/1.1 / 2.0 Compliant Cable Modem is specially designed to enhance the bandwidth of the upstream up to 30Mbps. And it still works with all existing DOCSIS/EURODOCSIS 1.0/1.1/2.0 compliant head-end equipment (CMTS) and Multiple Service Operator (MSO) networks.

With its own unique and extremely tiny form factor, CBM200x2F is suitable especially for Set Top Box, VoIP...etc 2 box applications and installation. MSO or ISP can easily promote different kinds of solutions with CBM200x2F whether using as an embedded form factor or standalone cable modem.