

MLS-200C



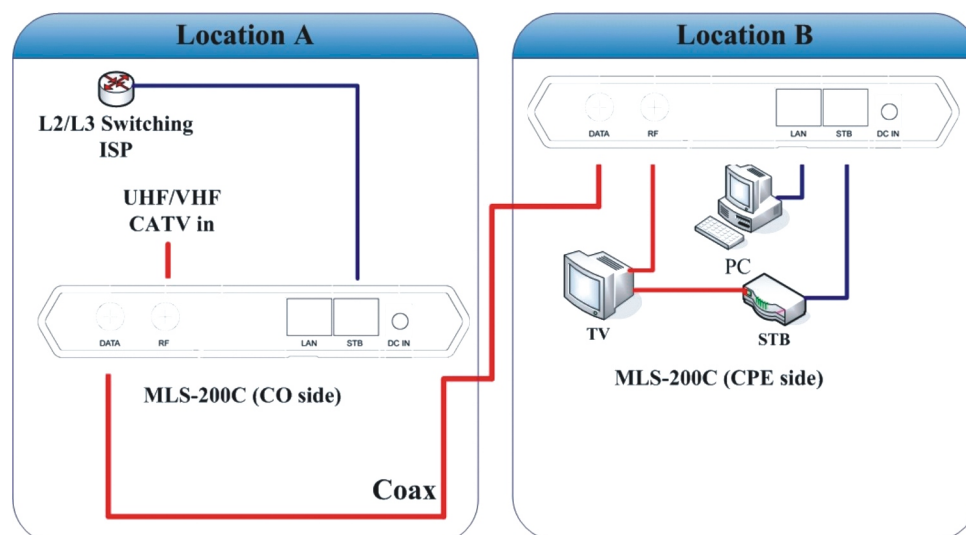
MLS-200C is the EoC(Ethernet over Coax Network) bridge that efficiently extends 10/100 Ethernet circuits to Coax Networking LAN for Internet and Intranet access. Over 1000 meters (3,280feet) at 80Mbps using existing Coax wire. This modem will allow Ethernet connectivity in existing facilities without pulling extra cable. This is perfect solution to Ethernet on the factory floor where systems have been upgraded from slower communication to Ethernet networking. Installation is easy with a single switch setting. One end is set for local and the other remote. This modem is used in Coax wire to extend Ethernet connectivity over existing Coax wire.

Key Features

- ◆ High-Speed 100/95Mbps communications link over existing Coax cable, Asymmetrical on EoC
- ◆ 80Mbps @ 1000 meters (3,280feet), reach down to 30Mbps @ about 2Km(6,560feet)
- ◆ Operates transparent to high layer protocols such as TCP/IP
- ◆ Auto-MDIX and Auto-sensing 10Base-T or 100Base-TX and Full or Half-Duplex on the Ethernet port
- ◆ Plug and Play design for simple installation, single DIP switch for configuration.
- ◆ Status LEDs for simple monitoring of the device and connection status

Applications

- ◆ Extend LAN connectivity to a remote site or between buildings
- ◆ Connect Ethernet over the different Room over existing house's Coax line infrastructure
- ◆ Connect new controller technology on the factory floor using existing wiring
- ◆ Extend Ethernet connectivity from a backbone network to an isolated location via Coax wire
- ◆ Transmit Video and traffic controller information over existing Coax wire



MLS-200C

1WAN, 2 *10/100 TX Ethernet Extender over Coax Line

Technical Specifications

Network Standards:

- ◆ IEEE802.3 10BASE-T, 10Mbit/s
- ◆ IEEE802.3u 100BASE-TX, Fast Ethernet at 100Mbit/s, Auto-negotiation
- ◆ IEEE802.3x Full Duplex and Flow Control

Protocol:

- ◆ Transparent to higher layer protocols

Connectors:

- ◆ Fast Ethernet : Two RJ45 Connectors
- ◆ Coax : Two F-Coax Female Connectors , One for Link line , the other for RF

Transmission Speed and Distance:

- ◆ Within a distance of 400 meters maximum speed of 100/95Mbps
- ◆ Up to 6,560 Feet (-176dBm/Hz Noise Floor)

Fast Ethernet Interface:

- ◆ 10/100 Mbps
- ◆ MDI/MDI-X Auto Crossover

Network Management:

- ◆ Diagnosis of DSL link function
- ◆ Line SNR select
- ◆ Line Interleave protect
- ◆ CO/CPE side select able
- ◆ Band Plan profile select able

Indicators:

- ◆ Power LED
- ◆ STB Link/Act LED
- ◆ LAN Link/Act LED
- ◆ Line CPE/CO LED
- ◆ Line Link/Act LED

Environmental Conditions:

- ◆ Operating Temperature : 0°C ~ 55°C (32°F~131°F)
- ◆ Storage Temperature : -10°C ~ 65°C (14°F~149°F)
- ◆ Operating Humidity : 10% ~ 90% , Non-condensing

Power Requirement:

- ◆ External Power Supply : 12V/1A
- ◆ Power Consumption : < 4 Watts

Physical Dimension:

- ◆ 155mm(W) x 83mm(D) x 30mm(H)

Unit Weight:

- ◆ 300 g

Emissions Compliance:

- ◆ FCC part 15 Class B, CE Mark

Ordering Information

MLS-200C: 1WAN, 2 *10/100 TX Ethernet Extender over Coax Line

MLS-200: 1WAN, 2 *10/100 TX Ethernet Extender over Copper Line

MLS-202/C: 2WAN, 4*10/100 TX Ethernet Extender over Copper/Coax Line

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