



Specification

◆ E1 Port

Rate: 2.048Mbit/s

Connector: BNC or RJ45

Protocol: G.703;

Coding: HDB3

Jitter tolerance: G.823

◆ Ethernet Port

Rate: 10/100M

Connector: RJ45

Standard: IEEE 802.3

◆ Operation Environments

Power supply: 220VAC/-48VDC;

Operational temperature:

0°C ~ 50°C

Storage temperature:

-20°C ~ 80°C

Humidity: 95% (no condensation)

Size: 205×145×45(mm)



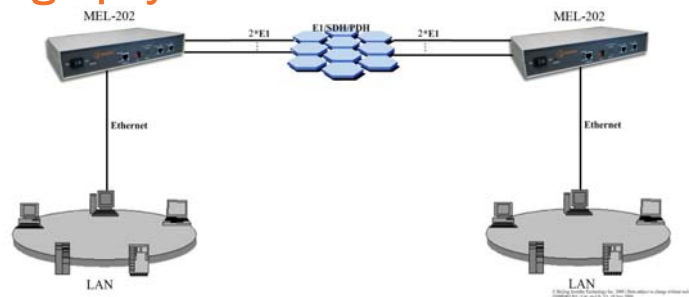
MEL-202, the 2E1&10/100Base-TX Bridge is a device that takes ASIC chip as its core and enables Ethernet data to be transmitted through multi 2E1 channels.

The Bridge breaks through the bandwidth limit of single E1 Ethernet bridge. It is very easy to make use of the existing rich E1 resources in the public networks to quickly extend the range of the Ethernet LAN. The MEL-202 Bridge is an enhancement model of the Ethernet to multi E1 converter.

Feature

- Support 2E1 bandwidth, 75ohm or 120 ohm optional
- In accordance with G.703, G.736, G.823, IEEE802.3u standard.
- Provide 2*10/100M Base-T ports, support 10/100M full duplex and half duplex, and support auto-negotiation mechanism
- Ethernet interface 10/100M、full/half duplex modes auto-negotiation
- Architectures: stand alone, modular
- Optional AC 220V or DC -48V input for bridge of both architectures

Topography



Order information

The model of Protocol Converter:

MEL-202/204 2E1 to 2/4*10/100-BASE-TX bridge, 75ohm or 120ohm, AC or DC

MEL-40/80/160 4/8/16E1 to 2*10/100-BASE-TX bridge, 75ohm or 120ohm, AC or DC

MEL-40B/80B 4/8E1 to 4*10/100-BASE-TX bridge, 75ohm or 120ohm, AC or DC

MVL-100 V.35-10/100 BASE-TX bridge, N*64K, AC or DC

MEV-LR FE1-V.35&Eth&RS232 bridge, N*64K, 75ohm & 120ohm, AC or DC

MEV-4LR FE1-V.35&4Eth&RS232 bridge, N*64K, 75ohm & 120ohm, AC or DC

MER-132 E1-RS232 bridge, 2.048M, 75ohm&120ohm, AC or DC

MER-132F FE1-RS232 bridge, N*64K, 75ohm&120ohm, AC or DC

MEL-100FB FE1-10/100 BASE-TX bridge, N*64K, 75ohm & 120ohm, AC or DC

MEL-200F/400F FE1-2/4*10/100 BASE-TX bridge, N*64K, 75ohm & 120ohm, AC or DC

MEV-135F FE1-V.35 bridge, N*64K, 75ohm & 120ohm, AC or DC

MEO-100 10/100M Ethernet-E1 fiber interface, SC, 20km, AC or DC

MEO-101 FE1-Optic 100 Base-FX Bridge, N*64K, 75ohm & 120ohm, 20km, AC or DC

MEO-401 4E1-Optic 100 Base-FX Bridge, 75ohm & 120ohm, 20km, AC or DC

MEO-801 8E1-Optic 100 Base-FX Bridge, 75ohm or 120ohm, 20km, AC or DC

ME-16 16 slots modular chassis (one NMS modular optional), all kinds of modular between E1/V35/Eth/Fiber is optional, 4.5U, 19 inch, 1+1 power backup, AC or DC

EL1600 16 slots modular chassis, which can insert MEL-M400F, MEL-M202/204, MER-M132(F), MEV-MLR modules, etc, 4U, 19 inch, 1+1 power backup, AC or DC

If you have other requirements of connect or longer distance, please get in touch with us

Indicator light

PWR: Power. Always lights after starting up.

ALARM(yellow): Indicator of system alarm. Light while there are alarms for the system.

RUN(green): Indicator of system work. Flash while the system works properly.

E1 ALARM(yellow): E1 link alarm indicator. flash when E1 links failed, and it'll always light while receive AIS.

E1 WORK(green): Indicator of E1. light while receive E1 signals.

10/100(green): Speed rate indicator. Light means 100Mbps.

L/A: Ethernet link indicator. Light means link normally, flash when data transmit.