



Specification

◆ E1 Port

Rate:2.048Mbit/s(N*64K,N=1-31)

Connector:BNC & 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 ~ 45°C

Storage temperature:

-20°C ~ 80°C

Humidity:90%(no condensation)

Power dissipation : ≤ 10W

Size: 205×145×41(mm)

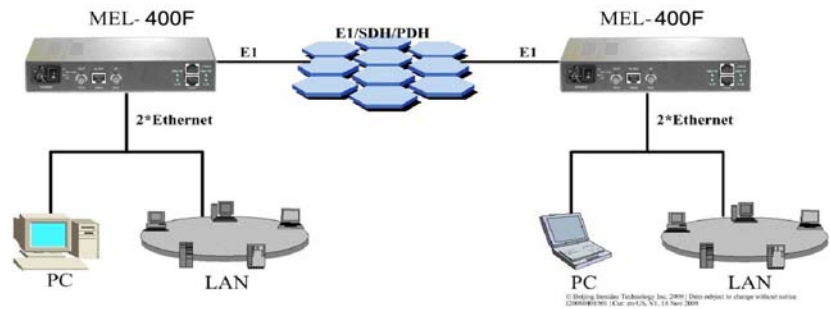


MEL-400F, FE1 to 4*Ethernet Protocol Converter, which accomplishes the converting between the 4*10/100M Ethernet port and the E1 port. As an extended device of the Ethernet, it realizes interconnection of two Ethernet by using the E1 channel with low cost .

Feature

- Leverage large-scale chips for simple circuit, low power consumption and high reliability
- In accordance with G.703,G.704, G.736, G.823, IEEE802.3u standard.
- Support 4 Ethernet interface with 10/100M、 full/half duplex modes auto-negotiation
- E1 rate,2.048Mbit./s, N*64K,N=1-31
- E1 interface main/ slave clock optional in the framing mode
- Support local loop and remote loop
- Support BERT test function
- Optional AC 220V or DC -48V input for bridge of both architectures

Topography



Order information

The model of Protocol Converter:

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

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

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

MEL-40/80/160 4/8/16E1 to 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

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

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

Indicator light

POWER: Power. Always lights after starting up.

L/A: Link. Always lights green if the Ethernet link is complete.

10/100: on when the Ethernet port is working at 100M

STA: Alarm of E1 port, phase with RUN means local alarm, out of phase means remote alarm

SYNL: Work on framing mode

WORK: On when E1 interface receives signals.

RUN: System work indicator, flashes when the system is working properly