10/100M Ethernet to 4E1 Bridge

**Features**
- Using 4 E1 line transparent transfer Ethernet data
- Support pretend random coding loop test
- E1 interface support 75ohm(BNC double)
- Support 10M/100M full-duplex or half-duplex Ethernet interface
- 1U 19” Rack

**Introduction**
The LBMODEL167210 inverse multiplexers transmit 8 Mbps channel over multiple E1 links. They bridge the gap between E1 and E3, allowing bridges and routers to operate at their fastest rates. The LBMODEL167210 have a built-in 10/100 Ethernet bridge with VLAN support for LAN-to-LAN applications over 4 E1 links. The LBMODEL167210 fully meets all of the E1 specifications including G.703, G.704. The unit features diagnostic capabilities for performing remote loopback tests.

**Installation**

**Specifications**

**G.703 interface technique guide line**
- Line rate: 2048Kb/s × 4 = 8.192Mbps
- Line support code style: HDB3
- Frame format: no-frame
- CRC checkout: no
- Connector: BNC or RJ45
- 1500W surge protection

**Interface protocol standard**: support ITU-T.G.703
**Output tingle displace**: accord ITU-T.G.735 advice
**Input tingle limit**: accord ITU-T.G.823 advice
**Output tingle**: accord ITU-T.G.823 advice

**Ethernet interface technique guide line**
- Interface style: 10/100Base-T full/half duplex

**Protocol standard**: IEEE802.3 (support VLAN)
- Connector: RJ-45
- Line code: Manchester code
- Connect line:
  - Connect PC with cross-over
  - Connect HUB/SWITCH with straight-through

**Power, Environment and Dimension**
- Power consumption: 2W (220V AC, -48V DC)
- Temperature: 25°C to +70°C
- Relative humidity: 5% to 90%
- Size: 483mm(L) × 160mm(W) × 44mm(H)
- Weight: 460g

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lb MODEL 167210

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