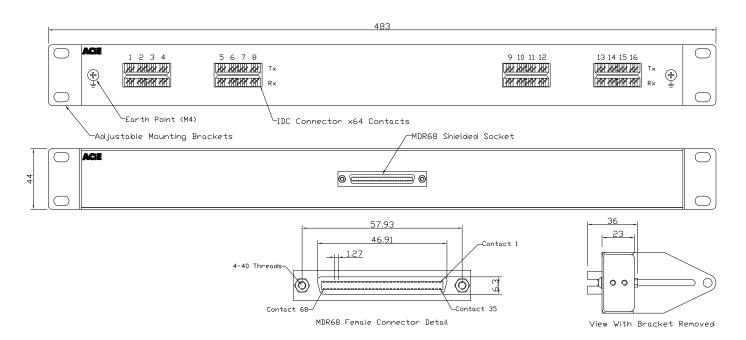
Breakout Panel, 19" 1RU IDC Pairs x32 to MDR68(f) 120 , 2-8Mbit/s

PA03C6816



PRODUCT DESCRIPTION

This breakout panel connects 16 E1/E2 shielded IDC ports to a 34 pair cable via an MDR68 socket. A bi-directional device requiring no external power. This product offers the following features:-

- IDC access to 34 pair cable
- exceeds G.703 requirements
- mounts in standard 19" rack
- long life, high reliability
- IDC to MDR68(f)
- >33dB return loss 0.3 to 3MHz
- <0.2dB E1 insertion loss
- zinc sealed, powder coated steel
- RoHS compliant
- Krone style IDC
- mounts IDC or MDR68 to front
- recessable 40mm to ease cable entry

OPERATING CONDITIONS

Impedance: 120 balanced twisted pair

Bit Rate: 2Mbit/s (E1) and 8Mbit/s (E2) per ITU-T G.703 Line Code

Signal Level: 3V nominal peak-peak voltage per G.703

Working Temperature: -30°C to 75°C

ELECTRICAL SPECIFICATIONS

Insertion Loss: <0.10dB from 51kHz to 12.672MHz (2Mbit/s, E1) and

(8Mbit/s, E2) in both directions

Return Loss: Exceeds G.703 by >18dB for 2Mbit/s and 8Mbit/s
Pulse Shape: Exceeds G.703 requirements for 2Mbit/s and 8Mbit/s
Cross Talk: >60dB from 51kHz to 10MHz between channels
(>55dB for adjacent MDR68 connector contacts)

Isolation Voltage: >250V DC

MECHANICAL SPECIFICATIONS

IDC Connector: Wire: Conductor Ø 0.4 to 0.63mm,

Insulation Ø 0.7 to 1.1mm

Contacts: Phosphor Bronze, Plated Tin Moulding: Polycarbonate White

Mating Cycles: 50min

MDR68 Connector (SCSI): Contacts: Phosphor Bronze, Plated Gold

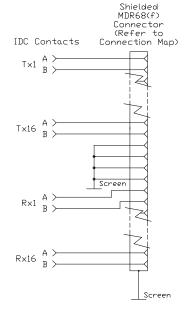
Moulding: Thermoplastic, Black Shell: Steel, Plated Ni

Housing: Die Cast, Plated Ni
Panel: Steel, Zinc Sealed and Powder Coated Black

ACCESSORIES

Mounting Brackets: For ETSI and 23" racks
Cable Management Kits: For 19", ETSI and 23" racks

Cable Assemblies: MDR68(m) to MDR68(m) on Shielded 34 pair



Circuit For MDR68