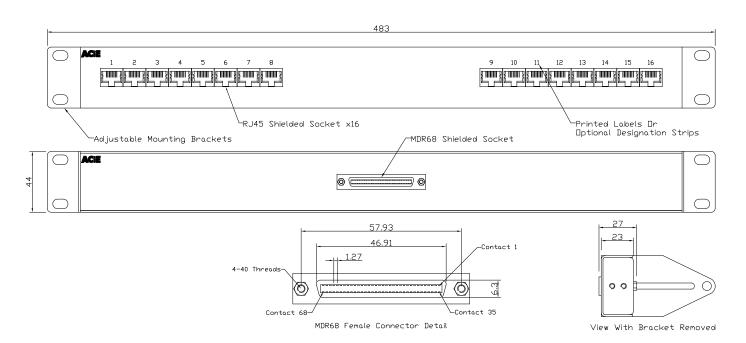
Breakout Panel, Shielded, 19" 1RU RJ45(f) x16 to MDR68(f) 120 , 2-8Mbit/s

PA05C6816



PRODUCT DESCRIPTION

This breakout panel connects 16 E1/E2 shielded RJ45 ports to a 34 pair cable via an MDR68 socket. A bi-directional device requiring no external power. This product offers the following features:-

- RJ45 access to 34 pair cable
- exceeds G.703 requirements
- mounts in standard 19" rack
- optional designation strips
- RJ45 shielded to MDR68(f)
- >33dB return loss 0.3 to 3MHz
- <0.2dB E1 insertion loss
- zinc sealed, powder coated steel
- RoHS compliant
- gold plated contacts
- mounts RJ45 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

RJ45 Connector: Contacts: Phosphor Bronze, Plated Gold

Moulding: PBT Glass Filled, Black

Shield: Brass, Plated Sn

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

