



PRODUCT DESCRIPTION

This breakout panel connects 32 E1/E2 shielded RJ45 ports to 34 pair cables via two MDR68 sockets. 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
- long life, high reliability
- 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

