



PRODUCT DESCRIPTION

This breakout panel connects 24 E1/E2 RJ45 ports to two 25 pair cables via 50 pin Amplimite sockets. A bi-directional device requiring no external power. This product offers the following features:-

- convert to 25 pair cable
- mounts in standard 19" rack
- exceeds G.703 specification
- shielded construction
- RJ45 to 50 pin .050 D connector
- mount RJ45 or Amplimite to front
- gold plated contacts
- optional designation strips
- RoHS compliant
- mount recessed to ease cable entry
- zinc sealed, powder coated steel
- .050 50way mini Telco option available

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: >65dB from 51kHz to 12.672MHz between channels (>60dB for adjacent Amplimite contacts)
 Isolation Voltage: >250V DC

MECHANICAL SPECIFICATIONS

RJ45 Connector: Contacts: Phosphor Bronze, Plated Ni/Au
 Moulding: PBT Glass Filled, Black
 Shield: Brass, Plated Sn
 Amplimite Connector: Contacts: Copper Alloy, Plated Ni/Au
 Moulding: Thermoplastic, Black
 Shield: Die Cast, Plated Ni
 Panel: Steel, Zinc Sealed and Powder Coated Black

ACCESSORIES

Cable Assemblies:
 Mounting Brackets: For 21" and 23" racks
 Cable Management Kits: For 19", 21" and 23" racks

