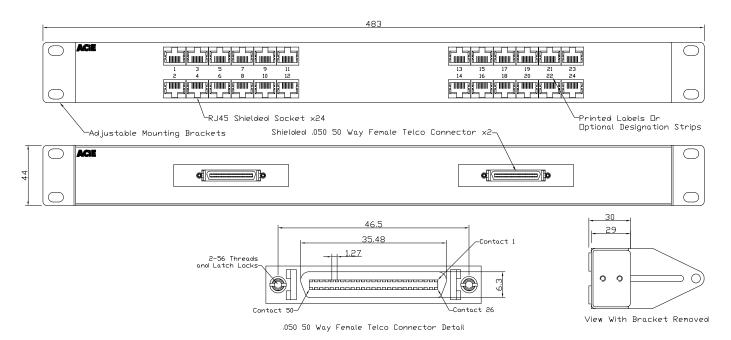
# Breakout Panel, Shielded, 19" 1RU RJ45(f) x24 to 50 Pin Mini Telco(f) x2 120 , 2-8Mbit/s

## PA05C0424



### PRODUCT DESCRIPTION

This breakout panel connects 24 E1/E2 RJ45 ports to two 25 pair cables via .050 50 way Telco connector sockets (Mini Centronics). 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
- zinc sealed, powder coated steel
- RJ45 to .050 Telco connector
- mount RJ45 or Telco to front
- · optional designation strips
- gold plated contacts
- RoHS compliant
- mount recessed to ease cable entry
- shielded construction
- 50 pin Amplimite 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

(>50dB for adjacent .050 Telco contacts)

Isolation Voltage: >250V DC

#### **MECHANICAL SPECIFICATIONS**

RJ45 Connector: Contacts: Phosphor Bronze, Plated Ni/Au

Moulding: PBT Glass Filled, Black

Shield: Brass, Plated Sn

Telco Connector: Contacts: Copper Alloy, Plated Ni/Au

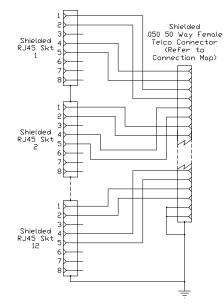
Moulding: Thermoplastic, Black Shield: Die Cast, Plated Ni

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



Circuit For Each 50 Way Telco Connector