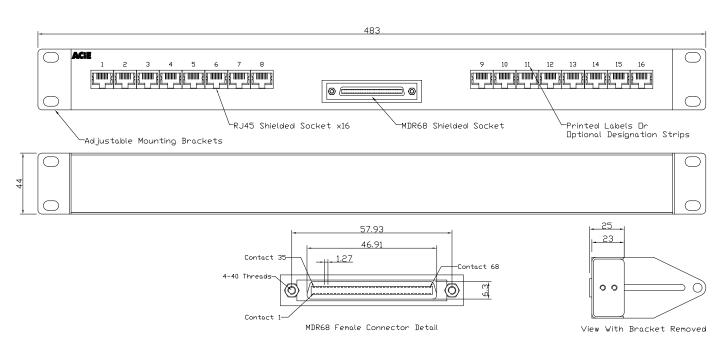


## Breakout Panel, Shielded, 19" 1RU RJ45(f) x16 to MDR68(f) 120 , 2-8Mbit/s



## **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</li>
- zinc sealed, powder coated steel
- RoHS compliant
- gold plated contacts
- single sided cable access
- recessable 40mm to ease cable entry

PA05F6816

### **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**

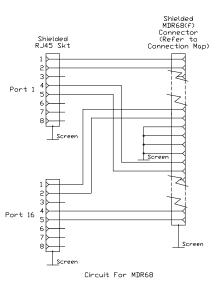
Insertion Loss:	<0.10dB from 51kHz to 12.672MHz (2Mbit/s, E1) and
	(8Mbit/s, E2) in both directions
Return Loss:	Exceeds G.703 by >18dB for 2Mbit/s and 8Mbit/s
Pulse Shape:	Exceeds G.703 requirements for 2Mbit/s and 8Mbit/s
Cross Talk:	>60dB from 51kHz to 10MHz between channels
	(>55dB for adjacent MDR68 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



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