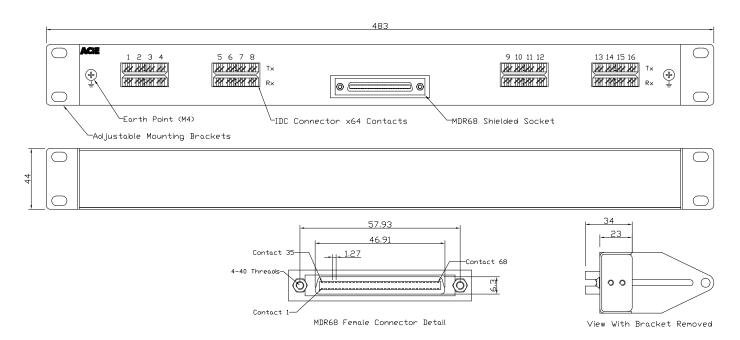


Breakout Panel, 19" 1RU IDC Pairs x32 to MDR68(f) 120 , 2-8Mbit/s

PA03F6816



PRODUCT DESCRIPTION

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

- IDC access to 34 pair cable
- IDC to MDR68(f)
 >33dB return loss 0.3 to 3MHz

<0.2dB E1 insertion loss

• zinc sealed, powder coated steel

- RoHS compliant
- Krone style IDC
- single sided cable access
- recessable 40mm to ease cable entry

- exceeds G.703 requirements
 mounts in standard 19" rack
- long life, high reliability

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

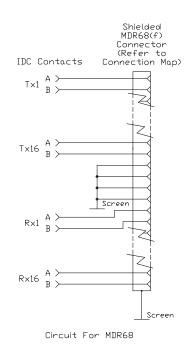
Insertion Loss:	<0.10dB from 51kHz to 12.672MHz (2Mbit/s, E1) and (8Mbit/s, E2) in both directions
Return Loss:	Exceeds G.703 by >18dB for 2Mbit/s and 8Mbit/s
Pulse Shape:	Exceeds G.703 requirements for 2Mbit/s and 8Mbit/s
Cross Talk:	>60dB from 51kHz to 10MHz between channels
	(>55dB for adjacent MDR68 connector contacts)
Isolation Voltage:	>250V DC

MECHANICAL SPECIFICATIONS

IDC Connector:	Wire: Conductor Ø 0.4 to 0.63mm, Insulation Ø 0.7 to 1.1mm Contacts: Phosphor Bronze, Plated Tin Moulding: Polycarbonate White Mating Cycles: 50min
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

For 19", ETSI and 23" racks

MDR68(m) to MDR68(m) on Shielded 34 pair



ACandE PA03F6816 Data Sheet R2.1 Specification subject to change without notice.

Cable Management Kits:

Cable Assemblies:

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