ACE AND E TELECOMMUNICATIONS

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

PA05C0924

483

1   3   5   7   9   11   13   15   17   19   21   23
2   4   6   8   10   12   14   16   18   20   22   24

RJ45 Shielded Socket x24

Printed Labels Or
Optional Designation Strips

Adjustable Mounting Brackets

Telco Shielded Socket 50 Pin x2

44

Ports 13 To 24   Ports 1 To 12

38
31

View With Bracket Removed

PRODUCT DESCRIPTION

This breakout panel connects 24 E1/E2 RJ45 ports to two 25 pair cables via 50 way AMP CHAMP Telco 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
- zinc sealed, powder coated steel
- genuine AMP Telco connector

- RJ45 to 50 way Telco connector
- mount RJ45 or Telco to the front
- optional designation strips
- gold plated contacts
- configuration options available

- RoHS compliant
- mount recessed to ease cable entry
- shielded construction
- carrier quality product
- long life, high reliability

OPERATING CONDITIONS

Impedance:	120Ω 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 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

Telco Cables:	CXXAAXX-YYM
Mounting Brackets:	For 21" and 23" racks
Cable Management Kits:	For 19", 21" and 23" racks

Shielded RJ45 Skt 1 — pins 1-8

Shielded RJ45 Skt 2 — pins 1-8

Shielded RJ45 Skt 12 — pins 1-8

50 Pin Telco Recepticle (Refer to Connection Map)

Circuit For Each 50 Pin Telco

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