

PRODUCT DESCRIPTION

This 19" rack mounting 120 balanced patch panel provides 48x RJ45 ports on one side expanded to 96 pairs on the other. Designed for patching 48x G.703 E1 ports this panel features IDC connectors giving 2 rows of 48 pairs arranged as Tx over Rx. It is a bi-directional device requiring no external power and offers the following features:-

- 48 E1 ports RJ45 to 96 pairs IDC
- 120 to 120 impedances
- zinc sealed, powder coated steel
- mount RJ45 or IDC to the front
- mount recessed to ease cable entry
- ETSI and 23" bracket options
- RoHS compliant
- mounts in standard 19" rack
- long life, high reliability

OPERATING CONDITIONS

Matching Impedance: 120 balanced twisted pair
 Bit Rate: 2Mbit/s (E12) per ITU-T G.703 Line Code
 Signal Level: 3V nominal peak voltage per G.703
 Working Temperature: -30°C to 75°C

ELECTRICAL SPECIFICATIONS

Insertion Loss: <0.10dB from 51kHz to 3.072MHz (2Mbit/s) and
 Return Loss: Exceeds G.703 requirements by >13dB for 2Mbit/s
 Pulse Shape: Exceeds G.703 requirements
 Cross Talk: >65dB from 51kHz to 10.0MHz between channels
 (>55dB for adjacent IDC contacts)
 Isolation Voltage: >250V DC

MECHANICAL SPECIFICATIONS

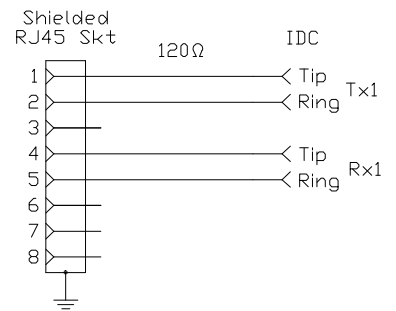
IDC Connector: Wire: Conductor Ø 0.4 to 0.63mm, Insulation Ø 0.7 to 1.1mm
 Contacts: Phosphor Bronze, Plated Tin
 Moulding: Polycarbonate White
 Mating Cycles: 50min
 RJ45 Connector: Contacts: Phosphor Bronze, Plated Ni/Au
 Moulding: PBT Glass Filled, Black
 Shield: Brass, Plated Sn
 Panel: Steel, zinc sealed and powder coated black

TERMINATION

IDC: Krone® Connection Tool 6089 2 003-00 or 6417 1 810-02

ACCESSORIES

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



1 of 48 E1 Ports

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