ACE AND E TELECOMMUNICATIONS

Balun Panel, Shielded, 19" 2RU
1.6/5.6(f) x16 to RJ45(f) x8
75/120 , 2-8Mbit/s

M1300318R6

483

26

25

88

Printed Labels Or Optional Designation Strips

1.6/5.6(F) Insulated Connectors x16

Tx

Rx

1   2   3   4   5   6   7   8

Adjustable Mounting Brackets

RJ45 Shielded Socket x8

37

26

View With Bracket Removed

ELECTRICAL
Matching Impedance: 75   unbalanced coaxial to 120   balanced twisted pair
Bit Rates: 2Mbit/s and 8Mbit/s as G.703 Line Code
Return Loss: 2Mbit/s and 8Mbit/s exceeds G.703 requirements
(in both directions)   (>25dB from 51kHz - 3072kHz)
Insertion Loss: <0.2dB from 51kHz to 3072kHz and <0.3dB from 211kHz to 12.672MHz in both directions
Cross Talk: >65dB from 51kHz to 12.672MHz
Pulse Shape: 2Mbit/s and 8Mbit/s as per G.703
Isolation Voltage: 250V DC between input and output
Signal Levels: 2.37V nominal peak voltage at 2Mbit/s and 8Mbit/s at the coaxial end as per G.703

MATERIALS
Panel: Steel zinc coated, powder coated black
Coax Connector Outer Contact: Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Au
Coax Connector Insulator: PTFE
Coax Connector Inner Contact: Beryllium Copper. Finish Cu/Ni/Au
Panel Insulator: Thermoplastic, Black
RJ45 Housing: PBT Glass Filled, Black
RJ45 Contacts: Phosphor Bronze. Finish Ni/Au
RJ45 Shield: Brass. Finish Sn

COAXIAL CONNECTOR (75)
1.6/5.6 Series: To IEC169-13

RJ45 CONNECTOR
Type: Shielded, 8 Position, 8 Contact

ENVIRONMENTAL
Working Temperature: -30°C to 75°C
RoHS Compliance: To EU Directive 2011/65/EU

MOUNTING OPTIONS
Mounting brackets are adjustable to allow the panel to be recessed up to 40mm. Optional brackets for mounting in ETSI and 23" racks are available.

Tx PORT   75Ω   120Ω   SHIELDED RJ45 SKT
1
2
3
Lk1   C1   4
5
Rx PORT   75Ω   120Ω   6
7
8
C2

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