

## Balun Panel, Shielded, 19" 1RU <u>1.0/2.3(f) x32 to RJ45(f) x16</u> 75/120 , 2-8Mbit/s

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#### ELECTRICAL

Matching Impedance: 75 unbalanced coaxial to 120 balanced twisted pair View With Bracket Removed 2Mbit/s and 8Mbit/s as G.703 Line Code Bit Rates: Return Loss: 2Mbit/s and 8Mbit/s exceeds G.703 requirements (in both directions) (>25dB from 51kHz - 3072kHz) <0.2dB from 51kHz to 3072kHz and <0.3dB from 211kHz to 12.672MHz in both directions Insertion Loss: >65dB from 51kHz to 12.672MHz Cross Talk: 2Mbit/s and 8Mbit/s as per G.703 Pulse Shape: 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: Coax Connector Outer Contact: Coax Connector Insulator: Coax Connector Inner Contact: Panel Insulator: RJ45 Housing: RJ45 Contacts: RJ45 Shield: Steel zinc coated, powder coated black Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Au PTFE Beryllium Copper. Finish Cu/Ni/Au Thermoplastic, Black PBT Glass Filled, Black Phosphor Bronze. Finish Ni/Au Brass. Finish Sn

#### COAXIAL CONNECTOR (75)

1.0/2.3 Series: To IEC169-29

#### **RJ45 CONNECTOR**

Type: Shielded, 8 Position, 8 Contact

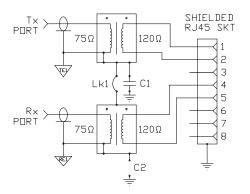
#### ENVIRONMENTAL

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

#### **MOUNTING OPTIONS**

Mounting brackets are reversible to allow either the coaxial connectors or the RJ45 sockets to be mounted to the front. The brackets also allow the panel to be recessed up to 40mm. Optional brackets for mounting in ETSI and 23" racks are available.

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