Balun Adaptor.

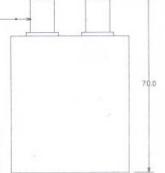
Product Description:

These Transmit and Receive Balun Adaptors provide low cost solution for connecting a balanced 120 ohm twisted pair interface to an unbalanced 75 ohm coax network, or vise versa. The Balun Adaptors provide isolation protection and impedance matching, enabling 75 ohm coaxial networks to interface with 120 ohm twisted pair equipment, bi-directionally, matching signal impedance and pulse shapes in accordance with the G.703 standard. Suitable for 2-8Mbit/s E1/T1 and E2/T2 data streams.

Features:

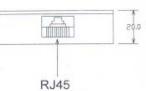
Bi- Directional.
Plug & GO.
G.703 Compliant.
Low Insetion Loss.
No AC Power or Batteries Required.
100% Tested.

SMZ (Male or Female)



Electrical Specifications:

| Model No. | BA75120S01 |
|-----------------------|--|
| 75 ohm Connectors | Dual SMZ (Male or Female) |
| 120 ohm Connectors | Shielded RJ45 |
| Transmission Line | CCITT G.703 or G704 (transparent) |
| Speed | 2.048Mbit/s (E1) and 8.448Mbit/s (E2) |
| Cross Talk | Better than -60dB at 1 to 10 Mhz |
| Insertion Loss | Less than 0.35dB |
| Return Loss | Better than 20dB |
| Earthing - Grounding | Tx and Rx Ring to RJ45 Shield, via 0.1µF capacitor |
| Dimensions (LXWXH)mm | 70X45X20 |
| Wiring Scheme | 1 - Tx Tip, 2 - Tx Ring, 4 - Rx Tip, 5 - Rx Ring |
| Materials | Case - ABS UL-94V0 Fire retardant Plastic |
| Weight | 0.1 Kg. |
| Operating Temperature | 0° to 50°C |
| Power Requirements | None |
| Harmonisation Code | 8544 - 42 - 10 |



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