

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 vice 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.

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 0.1 μ F 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

