



24 x E1/T1 (48 Port) to Telco Balun Panel



Description

These G.703 Balun Panels provide 75/120 ohm impedance matching for 24 E1/T1 Circuits, converting unbalanced coax circuits to balanced twisted pair. Coaxial connectors can be specified as Type43 (BT), 1.6/5.6 (Small Siemens) or BNC. The 2 twisted pair connectors are shielded female 50 way Telco (Amp Champ), one for the transmit and the other for the receive circuits.

The Balun Panel only occupies 1U (1.75") rack space in a standard 19" rack. Designed to meet or exceed CCITT G.703 Specifications for bi-directional signal conversion, at data rates from 2.048 to 8.448Mbit/s.

Features and Benefits

- Resolves the 75/120 ohm impedance mis-match between twisted pair equipment and coax cabling schemes.
- A cost effective, space efficient, robust, reliable and proven method of impedance matching 75 ohm coax to 120 ohm twisted pair.
- Industry standard Type43, 1.6/5.6, BNC and Telco Connectors allow convenient and flexible cabling.
- The high density design converts 24 x E1/T1 Circuits in only one 19" Rack Unit (1.75" 44mm)
- Designed for E1/T1 applications
- Bi-Directional signal conversion, compliant with CCITT G.703
- No Power Required
- 5 Year Parts and Labour Warranty
- Complete with all necessary rack mount accessories

Specifications

75 ohm Connections	48 x 1.6/5.6, Type43 or BNC
120 ohm Connections	2 x Shielded 50 way Female Telco
Transmission Line	CCITT G.703
Speed	2.048Mbit/s (E1) and 8.448Mbit/s (E2)
Cross Talk	Better than -60dB at 1 to 10Mhz
Insertion Loss	Less than 0.35dB
Return Loss	Better than 30dB
Dimensions	482 W x 96 D x 44.5 mm H (19" x 3.78" x 1.75")
Materials	Case - Zintec, Black Powder Coat.
Weight	2Kg
Warranty	5 Years, Parts and Labour
MTBF	Estimated 30 Years
Operating Temperature	0° to 80° C
Power Requirements	None
Harmonisation Code	8544 - 42 - 10

Part Numbers	Description
TKPP.E24.01	Type43 to Telco Balun Panel
TKPP.E24.02	1.6/5.6 to Telco Balun Panel
TKPP.E24.03	BNC to Telco Balun Panel