



CCITT G.703 Balun Panel



Part Number	Description
Contact us for details	CCITT G.703 Balun Panel

Description

This Balun panel is designed to be populated with 16 Dual Coax to RJ45 Baluns, 16 BNC to RJ45 Baluns or other connectors. The panel is 1U and standard 19" dimensions.

The CCITT G.703 Balun panel matches multiple sets of dual 75 ohm coax connections to multiple 120 ohm twisted pair connections.

Supporting data stream to three speed versions, 2-8 Mbit/s for E1/T1 and E2/T2, 2-8-34 Mbit/s for E1/T1 to E3, 34 to 155 Mbit/s for E3 and higher, the patch panel bi-directionally matches, not only signal impedance, but also the pulse shapes of the signals according to the CCITT G.703 standard.

Technical Specification

2-8 Mbit/s speed version for E1 (T1), E2 (T2) data streams	Impedance: 75 ohm to 120 ohm/100 ohm Insertion loss: Max. 0.2dB (2Mbps); Max. 0.3dB (8Mbps) Return loss: -29dB(2Mbps); -21dB(8Mbps) Cross talk: better than -80dB from 0.1 to 12MHz between any 2 baluns mounted distance up to 15mm
2-8-34 Mbit/s speed version for E1 (T1) to E3 (T3) data streams	Impedance: 75 ohm to 120 ohm/100 ohm Insertion loss: Max. 0.3dB (8Mbps); Max. 0.9dB from 0.2-70MHz Return loss: -21B(8Mbs); -15dB from 1 to 70 MHz Cross talk: better than -60dB from 1MHz to 70MHz between any 2 baluns mounted distance up to 15mm
34 to 155 Mbit/s speed version for E3 (T3) and higher data streams	Impedance: 75 ohm to 120 ohm/100 ohm Insertion loss: Max. 0.8dB from 860 KHz to 52 MHz Max. 1.5dB from 50KHz to 240 MHz Return loss: Max. 15dB from 1MHz to 240 MHz Cross talk: -80dB from 1MHz to 240MHz between any 2 baluns mounted distance up to 15mm