



CCITT G.703 Fly-lead Balun



Part Number	Description
See Configuration chart	CCITT G.703 Balun

Description

This **Fly-Lead Dual balun** provides transformation of 75 ohm coaxial TX/RX pair to two 120 ohm twist pair output on a single RJ45 jack

Transmission Speed versions available are:

E1 (T1) / E2 (T2) 2-8Mbps

E1 (T1) to E3 (T3) 2-8-34 Mbps

Higher speed version is also available.

- No AC power or batteries needed
- Link-to-data isolation: Mini. 250V
- Bi-directional signal conversion
- Operating temperature: 0-75°C
- Ultra-miniature enclosure
- Typical distance on good quality cable will be 180 meter

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(8Mbps); -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

Order Configuration chart

BL-137 XX X X 0 X

