



CCITT G.703 Panel Mount Balun



Part Number	Description
See Configuration chart	CCITT G.703 Panel Mount Balun

These **Dual baluns** are specially designed to mount on a 1U panel and come with a variety of coaxial interfaces and a RJ45 twisted pair connection.

Speed versions available are E1 (T1) / E2 (T2) 2-8Mbps, E1 (T1) to E3 (T3) 2-8-34 Mbps or higher speed version.

- 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

There are 3 types of fixation system for these Dual balun:

- 1 screw on BNC side only
- 2 screws on RJ45 side only
- 3 screws: 1 on BNC side and 2 on RJ45 side.

Please, see the ordering information below.

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

Order Configuration chart

BL-137 XX X X X X

