



CCITT G.703 Keystone Balun



Part Number	Description
See Configuration chart	CCITT G.703 Keystone Balun

Description

These **Keystone Baluns** are designed to easily snap in and out of the wall plate, patch panel and surface box modular configurations. It is very easy to snap in just like keystone jack and will be available to snap in one of RJ45 jack or coaxial connector.

The keystone balun comes with a variety of coaxial interfaces and a RJ45 twisted pair connection. Speed version available is 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(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-133 XX X X X

