

# BALUN for E1 Coax to Twisted Pair Converter

## User Guide

### Description:

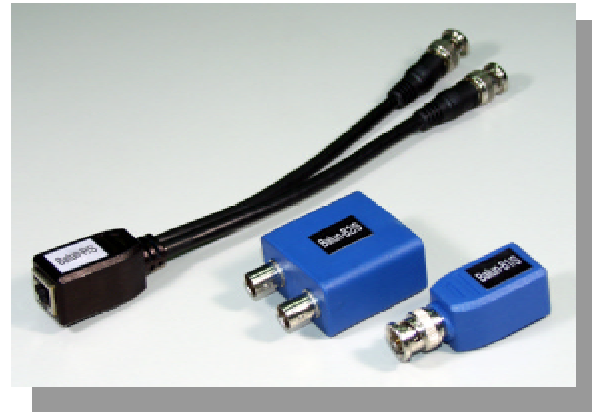
The E1 balun is a media adapter for E1 networks which allows unbalanced 75 ohm coaxial interface equipment to operate over 120 ohm balanced two twisted pairs (4-wire), or visa versa

### Features:

- Conversion between 75 ohm coax and 120 ohm twisted pair for E1(2048Kbps)
- No power required
- Works in either direction
- Easy to install
- Small, light-weight balun

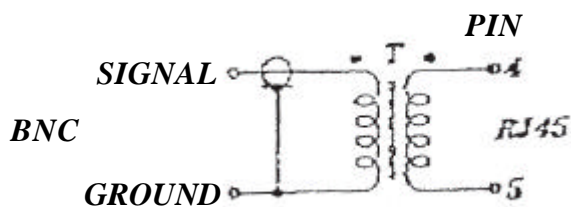
### Specifications:

- Complies with ITU G.703 standard pulse
- Works for balanced and unbalanced E1
- Data rate-2048Kbps
- Unbalanced interface : 75 ohm impedance (2 x BNC)
- Balanced interface : 120 ohm impedance (1 x RJ-45)

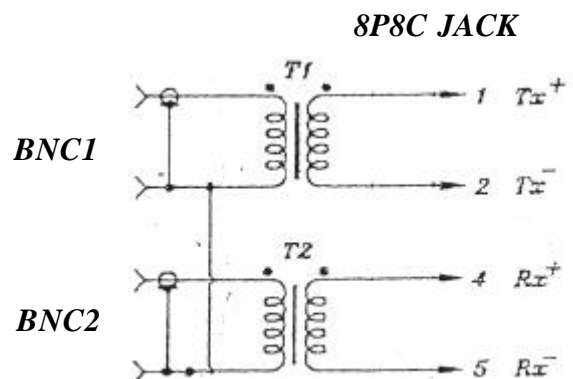


### Model numbers:

- Balun-P : 120 ohm 2-twisted pair on RJ-45 to 2-75 ohm BNC, male (Pigtails)  
Dimension : 22.4 x 2.2 x 2.1 cm (LxWxH)
- Balun-B1: 120 ohm 1-twisted pair on RJ-45 to 1-75 ohm BNC, male  
Dimension : 5.6 x 2.2 x 2.1 cm (LxWxH)
- Balun-B2: 120 ohm 2-twisted pair on RJ-45 to 2-75 ohm BNC, female  
Dimension : 5.4 x 4.4 x 2.5 cm (LxWxH)



PIN Assignment for Balun-B1



PIN Assignment for Balun-P & Balun-B2