

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 vice versa



Features:

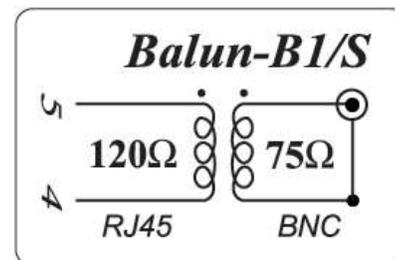
- ❑ Conversion between 75 ohm coax and 120 ohm twisted pair for E1(2048Kbps)
- ❑ No power required
- ❑ Works in either direction
- ❑ Easy to install
- ❑ Small, light-weight balun

Specifications:

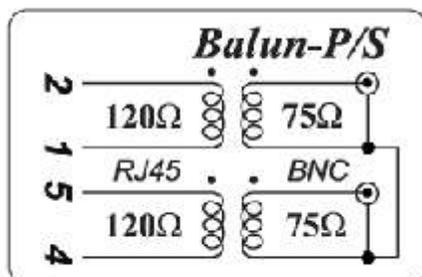
- ❑ Complies with ITU G.703 standard pulse
- ❑ Works for balanced and unbalanced E1
- ❑ Data rate-2048Kbps
- ❑ Unbalanced interface : 75 ohm impedance (2 x BNC)
- ❑ Balanced interface : 120 ohm impedance (1 x RJ-45)

Model numbers:

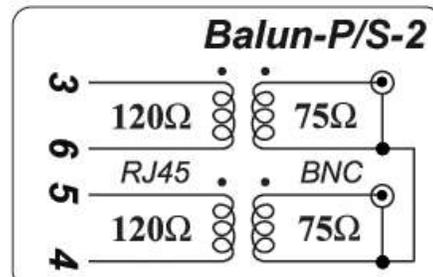
- ❑ **Balun-P/S & Balun-P/S-2**
120 ohm 2-twisted pair on RJ-45 to 2-75 ohm BNC, male (Pigtails)
Dimension : 22.4 x 2.2 x 2.1 cm (LxWxH)
- ❑ **Balun-B1**
120 ohm 1-twisted pair on RJ-45 to 1-75 ohm BNC, male
Dimension : 5.6 x 2.2 x 2.1 cm (LxWxH)
- ❑ **Balun-B2/S & Balun-B2/S-2**
120 ohm 2-twisted pair 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/S & Balun-B2/S



PIN Assignment for Balun-P/S-2 & Balun-B2/S-2