

::: Product Overview :::



**Coaxial Balun BT43
Straight Male to Wire Wrap**
LTBL-IDC-4SM-W2P



**Coaxial Balun 1.6/5.6
Straight Female to Wire Wrap**
LTBL-IDC-1SF-W2P



**Coaxial Balun BNC
Straight Female to Wire Wrap**
LTBL-IDC-3SF-W2P



**Coaxial Balun BNC
Straight Male to Wire Wrap**
LTBL-IDC-3SM-W2P

Litech offers a complete range of baluns for system which have different characteristic impedance. Baluns are used to solve the impedance mismatch problem in modern transmission system, where many modern system are designed with 120 Ohm balanced twisted pair cable where as most of the older system are 75 Ohm unbalanced interface network and vice versa. Litech manufactured baluns with variety of connector interface and design to suite different applications in the network.

::: Advantage :::

- Convert between 75 Ohm coaxial to 120 Ohm twisted pair
- 2-8 Mbit/s data stream version
- Bi-directional
- No power required
- Compact and light weight
- Easy to install
- Variety for connector interface and design

::: Specification :::

Material, Mechanical and Electrical Specification	
Insertion loss	2 Mbit/s : < 0.2dB
	8 Mbit/s : < 0.3 dB
Return loss	2 Mbit/s : < -29 dB
	8 Mbit/s : < -22 dB
Crosstalk	< -80 dB (0.1 MHz to 12 MHz)
Coaxial	Contact - Beryllium Copper
	Insulator - Taflon
	Durability - > 500 matings
Wire Wrap	Contact - Phosphor Bronze
	Plating - Gold Plated

::: Ordering Information :::

Part Number	Description
LTBL-IDC-1SM-W2P	Balun 1.6/5.6 Straight Male to Wire Wrap
LTBL-IDC-1SF-W2P	Balun 1.6/5.6 Straight Female to Wire Wrap
LTBL-IDC-3SM-W2P	Balun BNC Straight Male to Wire Wrap
LTBL-IDC-3SF-W2P	Balun BNC Straight Female to Wire Wrap
LTBL-IDC-4SM-W2P	Balun BT43 Straight Male to Wire Wrap
LTBL-IDC-4SF-W2P	Balun BT43 Straight Female to Wire Wrap