

::: Product Overview :::



**Coaxial Balun 1.6/5.6
Straight Male to IDC 3 Pole**
LTBL-IDC-1SM-3P



**Coaxial Balun 1.6/5.6
Straight Female to IDC 3 Pole**
LTBL-IDC-1SF-3P



**Coaxial Balun BNC
Straight Female to IDC 3 Pole**
LTBL-IDC-3SF-3P



**Coaxial Balun BNC
Straight Male to IDC 3 Pole**
LTBL-IDC-3SM-3P

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
- IDC punch down for krone type or 110 punch tool

::: 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
IDC		Contact - Phosphor Bronze
		Durability - > 200 Insertion
		Conductor Gauge : 0.4mm to 0.65mm
		Tool : Krone Type Insertion Tool or 110 Punch Tool

::: Ordering Information :::

Part Number	Description
LTBL-IDC-1SM-3P	Balun 1.6/5.6 Straight Male to IDC 3 Pole
LTBL-IDC-1SF-3P	Balun 1.6/5.6 Straight Female to IDC 3 Pole
LTBL-IDC-1LM-3P	Balun 1.6/5.6 Right Angle Male to IDC 3 Pole
LTBL-IDC-1LF-3P	Balun 1.6/5.6 Right Angle Female to IDC 3 Pole
LTBL-IDC-3SM-3P	Balun BNC Straight Male to IDC 3 Pole
LTBL-IDC-3SF-3P	Balun BNC Straight Female to IDC 3 Pole
LTBL-IDC-3LM-3P	Balun BNC Right Angle Male to IDC 3 Pole
LTBL-IDC-3LF-3P	Balun BNC Right Angle Female to IDC 3 Pole