

## Providing Effective Solutions for CATV Installations

# F Type Video Baluns



**F Male to RJ45  
Slim Case  
P/N E10980MR**

**F Male to IDC  
P/N E10980MC**



**F Female to RJ45  
Slim Case  
P/N E10980FR**

**F Female to IDC  
P/N E10980FC**



**F Female to RJ45  
Keystone Case  
P/N E10980FK**

### Features:

- Offers 1 FM Radio, VHF TV, UHF TV, CATV or Satellite Receiver path from F Type Female or F Type Male into 1 RJ45 jack
- Bi-directional signal conversion.
- High Reliability and Durability
- Housed in a fire retardant wall mountable Case
- Impedance 75 to 100 Ohm
- Low cost, high quality and performance
- Passive device (no power supply required)
- Stable over working temperature between 0 °C to +55 °C

### Application:

Transmission of FM Radio, VHF TV, UHF TV, CATV and Satellite Receiver can now be achieved using Cat 5e structured cabling and a pair of CATV Baluns operating back to back thus allowing for cost effective distribution of these transmissions.

### Specifications:

Bandwidth:	5 Mhz to 862 MHz
Insertion Loss:	< 3 dB
Impedance:	75 ohm Coaxial, 100 ohm RJ45 or IDC
Maximum Signal Voltage:	1.1 Vp-p
Return Loss:	> 15 dB from 10 to 862 MHz
Common Mode Rejection:	>20 dB from 40 to 862 MHz
Contacts:	Gold, 50 micro inch
Temperature Range:	0 to 55 °C operating, 95% Relative Humidity
Casing:	Fire Retardant Plastic ABS UL 94V-0
Maximum Distance:	60 Metres for CATV applications

### Typical Return Loss

