



**BNC Female Quick Connect IDC  
Slim Case**  
Part Number: E10185C



**BNC Female to RJ45 Slim Case**  
Part Number: E10185R



**BNC Female to RJ45 Keystone  
BNC or RJ45 Front Facing**  
Part Number: E10185S



**BNC Female Quick Connect IDC Keystone  
BNC Front Facing**  
Part Number: E10185S



**E10185P (Front View - panel only)**



**E10185PL – loaded with 16 x E10185S**  
**E10185PC – loaded with 16 x E10185S**

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## BNC Female Video Baluns

### Features:

- 1 video path from BNC Female into 1 RJ45 jack or quick connect IDC.
- Keystone for Panel Mount or Slim Case for installation in tight spots.
- Bi-directional signal conversion.
- High Reliability and Durability
- Housed in a fire retardant wall mountable Case
- Impedance 75 to 100 Ohm
- High quality and performance
- Passive device (no power supply required)
- Stable over working temperature between 0 °C to +55 °C

### Application:

In many security applications, video signal is carried over 75 ohm coaxial cabling and there is a need to convert to balanced transmission using lower cost 100 ohm twisted pair cables.

The video balun will enable video signal to be interfaced using coaxial on one side to Cat 5 twisted pair cabling on the other using modular RJ45 connectors or Insulation Displacement Connector (IDC) to achieve quick and reliable connections.

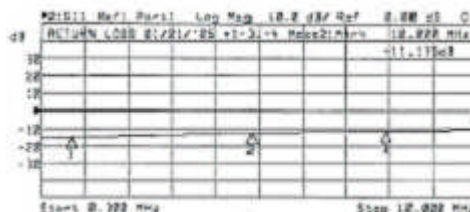
### Specifications:

Bandwidth:	DC to 8MHz
Insertion Loss:	< 2 dB to 8MHz
Impedance:	75 ohm Coaxial, 100 ohm RJ45
Maximum Signal Voltage:	1.1 Vp-p
Return Loss:	> 15 dB to 8 MHz
Common Mode Rejection:	> 40 dB @ 8 MHz
RJ45 Contacts:	Gold, 50 micro inch
Temperature Range:	0 to 55 °C operating, 22 to 80°C Storage
Casing:	Fire Retardant Plastic ABS UL 94V-0
Maximum Distance:	Color: Up to 400 m Cat 5e B&W: Up to 600 m Cat 5e

Compatible with: E10180S / E10180R / E10180T / E10185S / E10185PL

Note: Specifications subject to change without notice.

### Typical Return Loss



### Drawing Outline of E10180R

