



**BNC Male to IDC**  
Part Number: E10180C



**Rear View showing IDC**



**BNC Male to IDC 100 mm Tail**  
Part Number: E10180TC



**BNC Female to IDC**  
Part Number: E10185C



**BNC Female to IDC Keystone Mount**  
Part Number: E10185SC

## Providing Effective Solutions for CCTV Security Systems

### Quick Connect Video Balun - Slim

#### Features:

- 1 video path from BNC Male or Female to Insulation Displacement Connector (IDC)
- Terminate twisted pair directly onto IDC using tool provided with IDC
- 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.

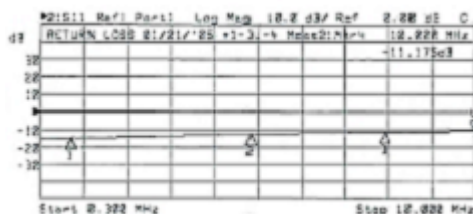
The video balun will enable video signal to be interfaced using coaxial on one side to Cat 5 twisted pair cabling on the other using Insulation Displacement Connector to achieve quick and reliable connections.

#### Specifications:

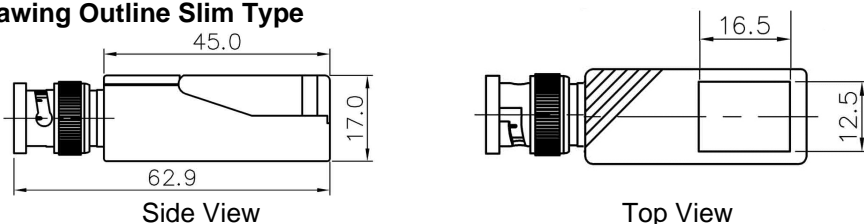
Bandwidth:	DC to 8MHz
Insertion Loss:	< 2 dB to 8MHz
Impedance:	75 ohm BNC, 100 ohm RJ45
Maximum Signal Voltage:	1.1 Vp-p
Return Loss:	> 15 dB to 8 MHz
Common Mode Rejection:	> 40 dB @ 8 MHz
Temperature Range:	0 to 55 °C operating, -22 to 80°C Storage 95% Relative Humidity
Casing:	Fire Retardant Plastic ABS UL 94V-0
Maximum Distance:	Color: Up to 400 m Cat 5e B&W: Up to 600 m Cat 5e
Grounding:	At one end Recommended
Compatible with:	E10180TC / E10180V / E10185C / E10185SC / E10185PC

Note: Specifications subject to change without notice.

#### Typical Return Loss



#### Drawing Outline Slim Type



## EQL Telecommunications

Unit 20, 13 Swaffham Road  
Minto NSW 2566  
Australia

Postal Address:  
P.O. Box 351  
Minto NSW 2566  
Australia

Tel: +61 2 9824 5680  
Fax: +61 2 9824 5685  
Email: sales@teleconnect.com.au  
Web: www.teleconnect.com.au

ABN: 93 098 402 218