

Quick Connect Video Balun - Slim



**Quick Connect Video Balun
BNC Male to IDC
Part Number: E10180C**

Features:

- 1 video path from BNC Male 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.



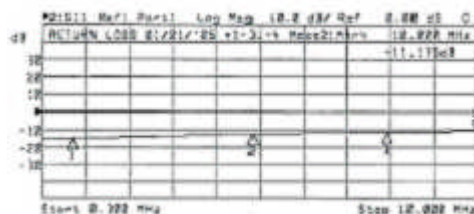
Rear View showing IDC

Specifications:

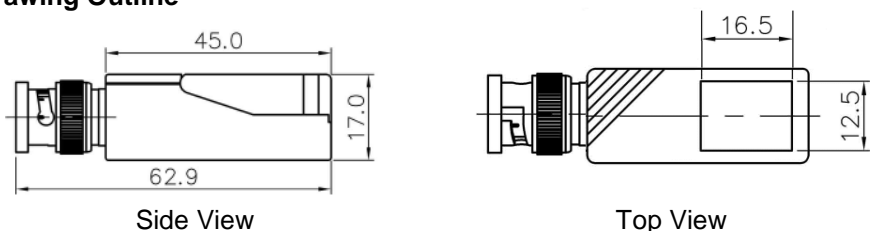
Bandwidth:	DC to 8MHz
Insertion Loss:	< 1.5 dB to 8MHz
Impedance:	75 ohm Coaxial, 100 ohm RJ45
Maximum Signal Voltage:	1.1 Vp-p
Return Loss:	> 15 dB to 8 MHz
Common Mode Rejection:	>40 dB @ 8 MHz
Temperature Range:	0 to 55 °C operating, 95% Relative Humidity
Casing:	Fire Retardant Plastic ABS UL 94V-0
Maximum Distance:	Color: Up to 450 m Cat 5e B&W: Up to 600 m Cat 5e

Note: Specifications subject to change without notice.

Typical Return Loss



Drawing Outline



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