Providing Effective Solutions for CCTV Security Systems

Quick Connect Video Balun - Tail

**Quick Connect Video Balun
BNC Male to IDC
Part Number: E10180TC**

Rear View showing IDC

Features:

- 1 video path from BNC Male with 100 mm mini coaxial cable 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 ^{o}C to +55 ^{o}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 Cat 5 twisted pair cables.
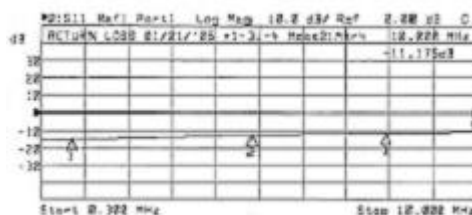
The E10180TC video balun will enable video signal carried on Cat 5 cable to be converted to BNC coaxial interface for direct connection to the DVR. The mini coaxial tail of the BNC Male will allow ease of installation at the DVR end where space is often limited.

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 ^{o}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:	E10180C / E10180V / E10185C / E10185SC / E10185PC

Note: Specifications subject to change without notice.

Typical Return Loss