

Torpedo video balun

- video color up to 400 meters
- compact size
- AWG20 to AWG30 friendly
- bi-directional signal conversion
- no power required
- patented in US, Europe, China & Taiwan



PRESENTATION

Our CCTV Torpedo Video balun allows an easy and fast wires connection.

The Torpedo balun is designed to terminate wires by hand, without punchdown tool.

Torpedo was designed to fit UTP wires from AWG20 to AWG30. No more worries to find out if the balun's holes will fit your UTP cable !

The typical distance for video transmission is 400 meters.

CCTV balun are used in pairs, one at each UTP cable end.

PROCEDURE

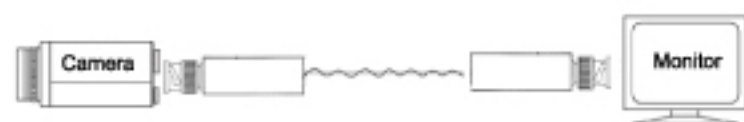
- 1 Pass the UTP wires through the hole of the plastic cap



- 2 Insert the video wires in the balun holes



- 3 Put back the plastic cap and screw it tight



SPECIFICATIONS

Bandwidth :

Video DC to 8MHz

Maximum input :

1.1Vp-p

Impedance :

75 ohm to 100 ohm (or 75ohm to 120ohm on request)

Insertion loss :

Max. 2dB per pair over the frequency range

Return loss :

Greater than 15dB over the frequency range

Common mode rejection :

Greater than 40dB at 8MHz

Cable-UTP :

Cat5 or better, #20AWG to #AWG30

Impedance : 100ohm at 1MHz

Max. capacitance : 20pF/ft

Attenuation : 6.6dB/1000ft at 1MHz

Cable-BNC :

Impedance : 75ohm at 1MHz (RG59/U)

Max. 25ft. of coax allowed per end to end link

Maximum distance with Cat.5 cable :

Color : 1312ft (400 meters)

Monochrome : 1968ft (600 meters)

Environment required :

Operating temp. 0 to 55° C

Storage temp. -22 to 85° C

Humidity up to 95%



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