



AD Twisted Pair Adapter

UNSHIELDED TWISTED PAIR VIDEO ADAPTER

SPECIFICATIONS

Model Number

ADACTP01BNCCable accessory, twisted pair to BNC adapter

Operational

Video FormatNTSC or PAL
 FrequencyDC to 10 MHz
 Coax75 Ohm
 Twisted Pair100 Ohms \pm 20%, 24 AWG min.
 Up to 300m (1000 ft)*
 Unshielded Category 2-6
 Insertion Loss0.3 dB
 CMRR50 dB
 PowerNo power required

Connectors

VideoBNC
 UTPEuro-style terminal block

Environmental

Operating Temperature-10° to 70°C (14° to 158° F)
 Storage Temperature:-30° to 70°C (-22° to 158° F)
 Relative Humidity:0 to 95% RH, non-condensing

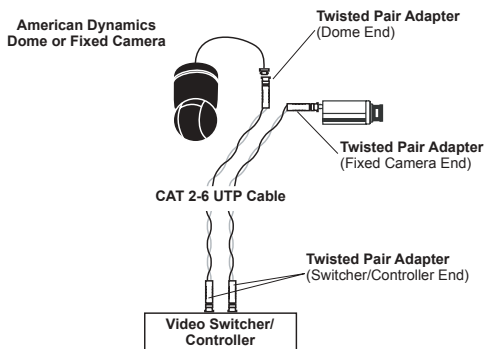
Mechanical

Dimensions47 x 13.6 mm
 (1.85 x 0.54 in)
 Weight17g (0.7 oz)
 MaterialBlack ABS Plastic
 MountingDirect connection via BNC (Male)

Regulatory

SafetyUL 94V-0

System Diagram



Product specifications and availability subject to change without notice.
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The American Dynamics ADACTP01BNC Twisted Pair Video Adapter is a passive transmission device that transmits video or video with up-the-coax (UTC) dome control signals over unshielded twisted pair (UTP) cables, point-to-point, for distances up to 300m (1000 ft).

These adapters use Category 2-6 twisted pair wires to transmit the video and dome control signals, and do not require power. The compact design allows for mounting directly to the video source or receiver without additional cabling.

Features

- Compact, compatible with existing CCTV equipment
- No external power required
- 50 dB cross-talk and noise immunity
- Compatible with NTSC or PAL formats
- Compatible with Up-The-Coax (UTC) control signals
- Compatible with any video device with composite video output
- Get up to four video signals on one Cat5 cable

*Some digital video recorders, video servers or similar products may lose color information when UTP cable distances exceed 180 m (600 ft).