

HD-CVI Over Twisted Pair Balun

ST-CCTV-VB-CVI Features:

- Transmits a single channel of HD-Coaxinator video over twisted pair
- Transmission distance of 1,300 feet at 720p and 650 Feet at 1080p
- Push terminal connection for twisted pair
- Built in surge protection
- Superior interference rejection



The ST-CCTV-VB-CVI baluns are designed for HD-Coaxinator signal transmission over unshielded twisted pair (UTP) wire. These baluns are an alternative solution to coaxial and fiber based systems, providing for fast, easy installation, saving time and money. While allowing for substantial savings on the cost of the cable itself the ST-CCTV-VB-CVI baluns provide superb quality on long range transmission. Since these baluns are passive video transceivers, no power is required. Transmission range for color HD video at 720p resolution is 1,300 feet (400 meters) while 1080p resolution HD video can travel up to 650 feet (200 meters) via unshielded twisted pair wire. Both units are sold as a kit which includes a transmitter and a receiver.

Specifications

Transmission Signal	1 Channel Video
Transmission Distance @ 720p	1,300 Feet (400 Meters)
Transmission Distance @ 1080p	650 Feet (200 Meters)
Category Cable Type	Unshielded Twisted Pair Cat5e / Cat6
Coaxial Video Connector	BNC Male
Twisted Pair Video Connector	Push-Terminal
Compatible Format	HD-CVI
Resolutions Supported	720p, 1080p
Interference Rejection	>60 dB
Electrostatic Discharge	1a Contact Discharge electricity level 3 1b Air Discharge electricity level 3 Per IEC61000-4-2
Coax Connector Protection	2KV (common-code) per IEC1000-4-5
UTP Connector Protection	4KV (common-code) per IEC1000-4-5
Impedance BNC Connection	75 Ohms
Impedance UTP Connection	100 Ohms

Dimensions	2.1" x 0.78" x 0.67" 53mm x 20mm x 17mm
Housing	ABS Plastic
Color	Black
Net Weight	0.06 lbs. (25 Grams)
Mean Time Before Failure	>10,000 Hours
Operating Temperature	14° - 131°F (-10° - 55°C)
Storage Temperature	-4° - 158°F (-20° - 70°C)
Operating Humidity	0-95% Non Condensing

Ordering Information:

ST-CCTV-VB-CVI HD-Coaxinator balun kit for transmission of HD-Coaxinator video over twisted pair

Contents Include:

2 ST-CCTV-VB-CVI Baluns