

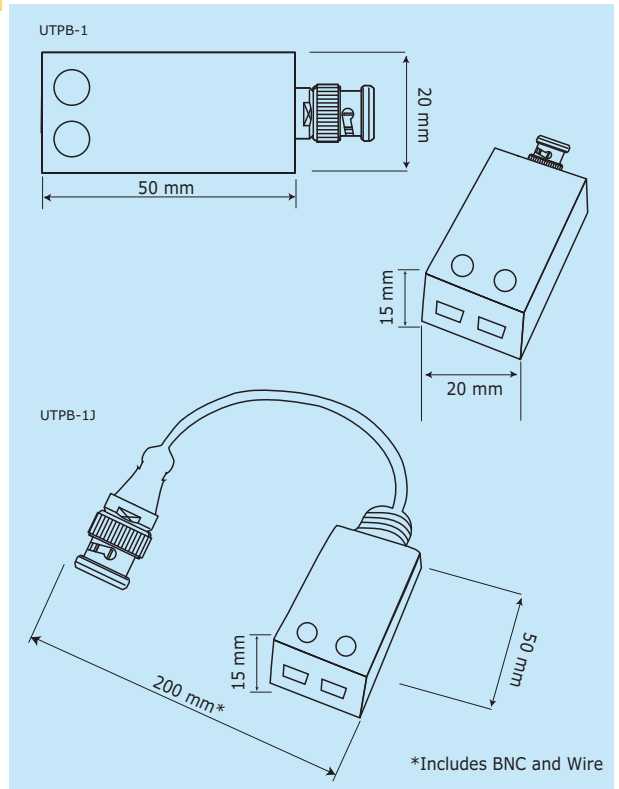


Video Balun Surge Protector

UTPB-1J, UTPB-1



Dimensions (in mm)



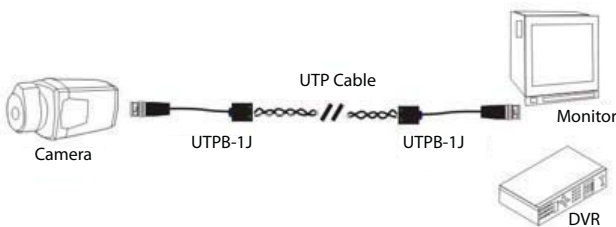
Citel's UTPB-1 Series is a single channel video balun with surge protection. These devices are used in CCTV systems that utilize UTP cable (Cat3/4/5/5e/6) for transmission runs as an alternative to coaxial cabling. These passive video transceivers can transmit real-time, full motion color or monochrome video signals over long distances.

The UTPB-1 Series is used to interface and protect DVR's, CCTV cameras and Multiplexers. It is necessary to install one set of two UTPB-1 or UTPB-1J units at either end of your cable run.

Citel offers two versions: the UTPB-1 is a straight, in-line BNC-male to two wire screw terminal interface while the UTPB-1J is the same functionally and has the BNC-male connector at the end of a short jumper cable for more flexibility during installation.

Characteristics

CITEL part number	UTPB-1	UTPB-1J
Transmission Signal	1 channel	1 channel
Transmission Distance	300m (working with passive product) 600m (working active product)	300m (working with passive product) 600m (working active product)
Connectors	BNC-Male 2 Wire Screw Terminal	BNC-Male Jumper 2 Wire Screw Terminal
Weight	40g (set of 2)	56g (set of 2)
UTP Surge Protection	2kV (differential-mode) 4kV (common-mode)	
Coaxial Surge Protection	4kV (common-mode)	
ESD Protection	YES	
MTBF	>10000hr	
Compatible Format	PAL, NTSC, SECAM	
Signal Transmission Band	0-6MHz (-3db)	
Anti-interference	>60db	
Mounting	in-line	
Housing Material	ABS Plastic	
Operating Temperature	0-55°C	
Storage Temperature	-20-80°C	
Humidity	0-95% (non-condensing)	
Standard Compliance	IEC 61000-4-5	
	IEC 61000-4-2	
	RoHS	



- Long distance transmission
- Good transmission effect
- Fast & easy installation
- Strong anti-interference