



Part of GE Security

UTP Transmission Products Single-Channel Passive Transceivers

Overview

Single-Channel Passive UTP Transceivers from GE Security are designed to deliver flexible, long-range functionality. Capable of transporting video signals up to 750 feet point-to-point, these transceivers can also transmit up to 3,000 feet with GE active receivers. These transceivers are compatible with all major video formats including NTSC, PAL and SECAM, and support "up-the-coax" type signals to carry video and bi-directional PTZ signals.

With its compact size and no power required, this transceiver installs easily and the 60dB crosstalk and noise immunity allows the unit to be used in a bundle with data, audio and other low-voltage signals.

Standard Features (all models)

- Up to 3,000 feet transmission range
- NTSC, PAL and SECAM compatibility for optimum flexibility
- Supports "up-the-coax" type signals to carry video and bidirectional PTZ signals
- Compact size and no power required for easy installation
- 60dB crosstalk and noise immunity for bundling with data, audio and other signals
- Compatible with cameras featuring UTP transmitters for flexible application
- Limited lifetime warranty
- Surge protection on select models protects connected video equipment

Twisted Pair Video Baluns



GEC-PVTC-MRTSP



GEC-PVTC-M



GEC-PVTC-MSP



GEC-1PVTC-F



GEC-PVTC-FCSP



GEC-PVTC-MCSP



GEC-PVTC-MC





Part of GE Security

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gesecurity.com/ifs

Specifications subject to change without notice.

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Ordering Information

GEC-1PVTC-F	Passive Transceiver, Female BNC, Screwless terminal
GEC-PVTC-M	Passive Transceiver, Female BNC, Screwless terminal
GEC-PVTC-MC	Passive Transceiver, w/Coax with Male BNC
GEC-PVTC-MRTSP	Passive Transceiver, Right Angle, Male BNC, w/Surge Protection
GEC-PVTC-MCSP	Passive Transceiver, 9" Coax with Male BNC, w/Surge Protection
GEC-PVTC-FCSP	Passive Transceiver, Female BNC, w/Surge Protection
GEC-PVTC-MSP	Passive Transceiver, Male BNC, w/Surge Protection

Agency Compliances

- CE
 - UL/cUL
-



Specifications

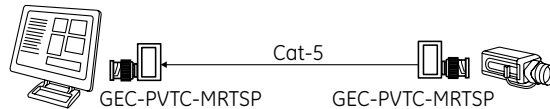
Video Format	NTSC, PAL, SECAM
Frequency	DC to 10 MHz
Coax	75 Ohm
Twisted Pair	100 Ohms +/- 20%, 24 AWG minimum, unshielded Category 2-7
Insertion Loss	0.3 dB
CMRR	60 dB
Power	No power required
Video Connector	BNC
UTP Connector	Terminal blocks or screw-less connectors
Humidity	0 to 95%, non-condensing
Operating Temperature	-10°C to +50°C
Storage Temperature	-30°C to +70°C
Material	ABS plastic, UL rating of 94V-0

Twisted Pair Video Baluns Comparisons

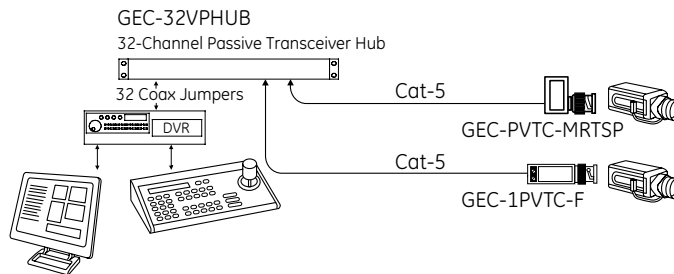
GE SKU	GEC-1PVTC-F	GEC-PVTC-M	GEC-PVTC-MC	GEC-PVTC-MRTSP	GEC-PVTC-MCSP	GEC-PVTC-FCSP	GEC-PVTC-MSP
GE Description							
Height	.60" (1.5 cm)	.60" (1.5 cm)	.54" (1.4 cm)	.55" (1.4 cm)	.54" (1.4 cm)	.54" (1.4 cm)	.54" (1.4 cm)
Width	.63" (1.6 cm)	.63" (1.6 cm)	.54" (1.4 cm)	.94" (2.4 cm)	.54" (1.4 cm)	.54" (1.4 cm)	.54" (1.4 cm)
Depth	1.82" (4.7 cm)	1.82" (4.7 cm)	1.85" (4.7 cm) excluding coax cable	1.26" (3.2 cm)	1.85" (4.7 cm) excluding coax cable	1.85" (4.7 cm)	1.85" (4.7 cm)
Weight	.04 lb (18 g)	.04 lb (18 g)	.06 lb (26 g)	.04 lb (18 g)	.06 lb (26 g)	.04 lb (18 g)	.04 lb (18 g)

Application Diagrams

Single Passive Transceiver to Single Passive Transceiver Hub



Single Passive Transceiver to Passive Hub



Single Passive Transceiver to Active Hub

