



# GEC-PVTC-MRTSP

**Passive Transceiver, Right Angle, Male BNC, w/ Surge Protection, Up-the-Coax, 60 dB CTaNI**

## Overview

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Single-Channel Passive UTP Transceivers from Carrier Fire and Security are designed to deliver flexible, long-range functionality. Capable of transporting video signals up to 228 m point-to-point, these transceivers can also transmit up to 1.067m with Carrier Fire and Security 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 (CTaNI) allows the unit to be used in a bundle with data, audio and other low-voltage signals.



## Details

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- Up to 1.067m 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 (CTaNI) for bundling with data, audio and other signals
- Compatible with cameras featuring UTP transmitters for flexible application
- Screw-less connector for quick installation
- Surge protection protects connected video equipment

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## Technical specifications

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### General

Category	Passive
Product type	Transceiver
Transmission range	228 m (passive - passive) / 610 m (passive - active)
Data channel	No
Surge protection	Yes
Rack mountable	No
Ground loop isolation	No
Connection type	Screwless connection
Frequency	DC to 10 MHz
Twisted pair	100 Ohms +/- 20%, 24 AWG minimum, unshielded Category 2-7
Insertion loss	0.3 dB
CTaNI CMRR	60 dB

### Video

Video channels	1
Video connection	BNC Male
Video compatibility	PAL, SECAM, NTSC
Conditioning	0.7 to 1.4 V p-p video accepted
Coax impedance	75 Ohm

### Electrical

Power supply value	No power required
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### Physical

Physical dimensions	24 x 14 x 32 mm
Net weight	18 g
Material	ABS plastic

### Environmental

Operating temperature	-10 to +50°C
Storage temperature	-30 to +70°C
Relative humidity	0 to 95%
Environment	Indoor

### Miscellaneous

Material	UL rating of 94V-0
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