

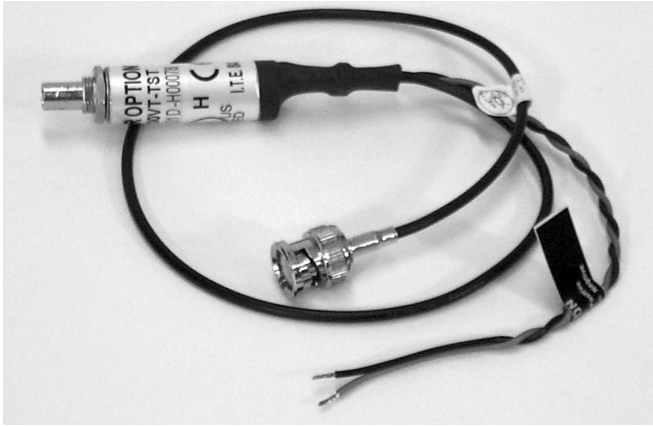


GE Interlogix Fiber Options

S700VT-TST



Ultra-Compact Video Transmitter



Product Specification

Features

- ✓ One-channel transmitter for NTSC, PAL
- ✓ Operates up to 3.2 mi (5.2 km)
- ✓ Designed for environmental housings
- ✓ Use with S700VR or S702VR receivers
- ✓ Forever Warranty™

Description

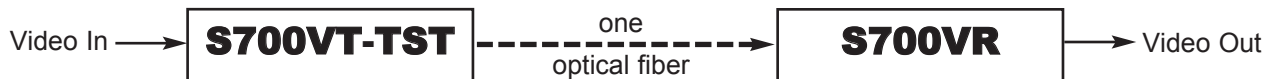
Fiber Options' S700VT-TST Subminiature Video Transmitter is designed to transmit standard analog baseband composite video up to 3.2 miles (5.2 km) one-way. The transmitter has been designed especially for easy installation in environmental camera housings.

The S700VT-TST is intended for use with any of the S700VR or S702VR series of receivers.

Basic Model Description

S700VT-TST 1-Fiber transmitter, 850 nm

SYSTEM DIAGRAM



VIDEO

Number of Channels: 1
 Standards Supported: NTSC, PAL
 Input Signal: 1.0 V p-p analog composite
 Input Impedance: 75 Ω
 Signal-to-Noise Ratio: >50 dB @ max optical attenuation
 Video Bandwidth: 8 MHz
 Video Resolution: >640 TV lines
 Connector: BNC on 18 in. (457 mm) pendant cable

ELECTRICAL

Input Voltage: 13.5 VDC, regulated
 Current Requirement: 50 mA
 Connection: 8-inch (203 mm) cable
 Power Consumption: 0.75 W
 Power Supply: 613P

SERIES S700VT-TST

OPTICAL

Wavelength:	850 nm
Optical Mode:	Multimode
Optical Budget*:	13 dB w/S700VR, S702VR
Operating Distance**:	3.2 mi (5.2 km)
Emitter Type:	LED
Connector:	ST Type
Fiber Type:	62.5 μ m

ENVIRONMENTAL

Temperature Range	
in Operation:	-40° to +167° F (-40° to +75° C)
in Storage:	-40° to +185° F (-40° to +85° C)
Humidity Range in Operation and Storage:	0 to 95% relative, noncondensing

MECHANICAL

Dimensions:	Diameter: 0.56 in (14 mm) Length: 2.21 in (56 mm)
Optical Cable:	Length: 18 in (457 mm)
Weight:	0.07 lb (0.03 kg)
Construction/Finish	Aluminum/aluminum
Mounting Method:	Velcro™ self-adhesive hook and loop fastener

AGENCY COMPLIANCE AND MTBF

Emissions:	FCC Part 15, ICES-003, AS/NZS 3548, EN55022
Immunity:	ENV50204, EN61000-4-2,3,4,5,6,11
Safety:	UL1950, CAN/CSA 22.2, NO.950-95
MTBF:	>100,000 hours

*Optical Budget based on 62.5/125 μ m fiber,
for 50/125 μ m fiber subtract 3 dB.

**Operating distance is approximate and assumes best
fiber. It will be affected by the type and number of
splices in the fiber. Refer to update no. TB00-005,
which can be found at www.fiberoptions.com.

FCC PART 15
COMPLIANT



For additional information about this product, refer to the Fiber Options Web site at www.fiberoptions.com.