

F-XXCC-YY-Tx/Rx

F-XX-CC-YY
XX- 2,4,8,16 CC's
YY - "B" bi-directional
Tx- Transmitter
Rx- Receiver

Contact Closure or TTL over Fiber 2,4,8,16 one way or bidirectional



Thor Contact Closure and TTL Fiber Optic Converters - Transmitter and Receiver kits that allow you to send electrical signals over fiber optic cable.

This works exactly like a relay - electrical on/off switch than can be controlled from the transmitter to the receiver or in both directions, for example if we will close or short 2 pins on the TX side it will close it on the receiving side which allows the current to flow, so you can turn off or turn on any device remotely over fiber. You can also send 5Vpp TTL pulses or signals.

The base unit works for 20Km over single-mode fiber or 3000 feet of multimode fiber - ST/PC fiber connectors

They are typically used in applications with Access Control System, Alarm Event Triggering, Building Automation, and Environmental Control Systems, Fire & Alarm Systems, PIR signal Transmission, Traffic Signal Control Equipment, etc, and are available for stand-alone or rack-mount installations. ST/PC is standard; please call or ask your representative about SC or FC optical connectors if needed.

Plug and Play design ensures adjustment-free installation and operation, and optical adjustments are never required. LED indicators are provided to instantly monitor the system operating status.

Features

The base unit works for 20Km over single mode fiber or 3000 feet of multimode fiber - ST/PC fiber connector

- Point-to-Point or Daisy-Chain connection
- Dry Contact Closure or TTL data over one fiber
- Normally Open ON/OFF switch over fiber
- Multimode Fiber Supported for Distances up to 3000ft
- Single-Mode Fiber Support for Distances up to 20 km based model, other distances available for long haul (model dependent)
- LED Status Provides Real-Time Indication of Operating Parameters
- No EMI or RFI and no ground loops
- Stand-alone or (Rackmount - Model Dependent)

Specifications

Electrical & Mechanical	
Input Power Requirements:	DC 5V@2A
Power Adapter:	AC 90V~240V
Power Consumption:	< 3W
Stand-Alone Dimensions:	104mm x 104mm x 28mm or
	183mm x 154mm x 30mm
Shipping Weight:	(includes Transmitter & Receiver) 0.8kg or 1.5kg
Environmental	
Operating Temperature:	-20°C ~ +75°C
Storage Temperature:	-20°C ~ +75°C
Storage Temperature:	-40°C ~ +85°C
Relative Humidity:	0% ~ 95% (non-condensing)
MTBF:	>100,000 hours

