# 80 SERIES MULTIMODE SINGLEMODE

CC 8

# 8 Channel Status Control System

## FEATURES:

- 8 Channel Status Control
- Diagnostic: Power, Optical Presence and Channel Indicators
- TTL and/or Dry Contact
- Multimode or Singlemode Option
- High Density DB25 Data Connector

## SPECIFICATIONS:

**Data:**

**Logic Levels**.....TTL
**Contact Closure Rating**.....0.5 A Max Per Channel
**Response Time**.....2 ms
**Connector**.....DB 25

**Optical:**

**Wavelength** .....850 nm
**Loss Budget (62.5/125µ)**.....17 dB
**Connector**.....ST

**Temperature (Operating):**
-20°C to +70°C, non-condensing

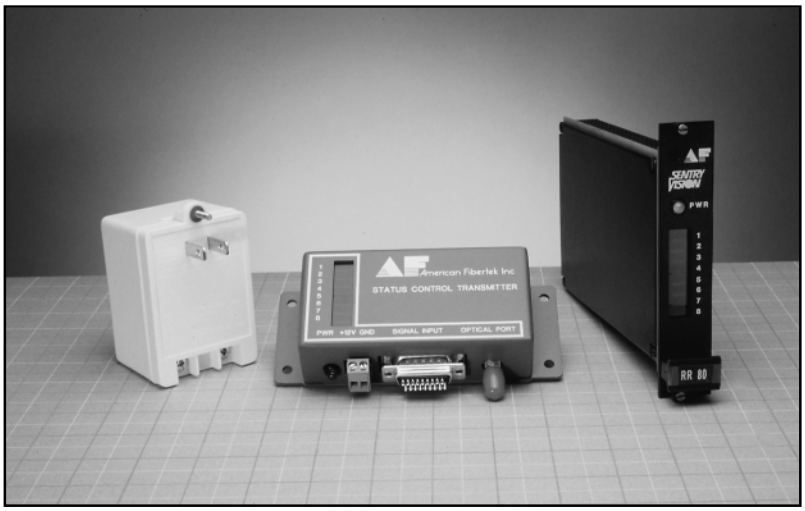
**Power Supply:**
Module - 12 VDC (AFI Part#: PS-12)
Rack Card (See AFI Part#: SR-20/1)

**Size:**
Module Transmitter - 2⅝" x 5¾" x 1⅛"
Module receiver - 3¾" x 5¾" x 1⅛"
Rack Card requires one rack slot - 6½" x 5" x 1"

## ORDERING INFORMATION:

MT= Module Transmitter - Single Source
MR= Module Receiver - Signal Receive
RT = Rack Card Transmitter - Signal Source
RR = Rack Card Receiver - Signal Receive

***Example: MT-80 to RR-80***

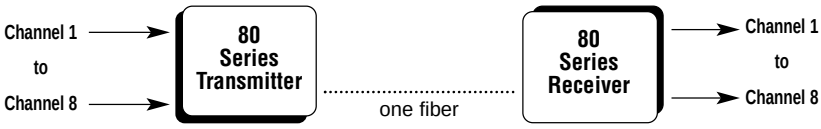



The American Fibertek 80 Series multiplexes up to eight channels of TTL and/or dry contact closure on a one multimode optical fiber. A set of eight LEDs on the transmitter and the receiver units indicates the channel(s) in use. These systems require no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of systems status. Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20/1 or SR-20R/1.

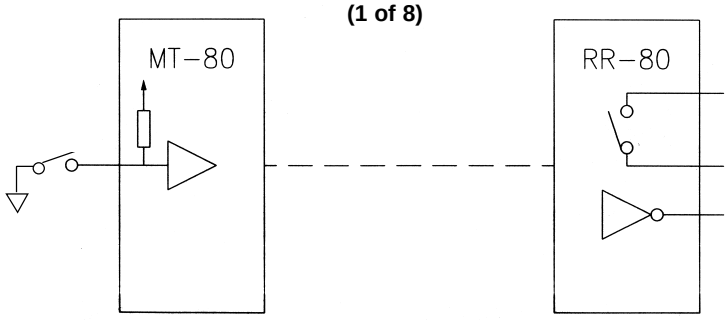
## PRODUCT ENHANCEMENTS:

80-13 Series 1300nm multimode optics with a loss budget of 17dB @ 1300nm wavelength.

80-S Series 1300nm singlemode optics with a loss budget of 17dB @ 1300nm wavelength.




**CONTACT CLOSURE CIRCUIT (1 of 8)**





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