



Product Features

- Supports full rate HD-SDI @ 1.5Gbps or lower SDI or ASI digital video
- 3G SDI model available

- Transports embedded audio channels as well as SDI ancillary data
- Return path serial RS-485 channel for controlling equipment on the Tx end
- Link alarm indicators on both Tx & Rx Indicate a problem with the fiber
- Status indicators for data rate and lock
- Small rugged portable standalone package ideal for portable installations
- Pathological test patterns are only supported on 3G SDI model



[Data Sheet: F-M1SDI](#) [User's Manual F-M1SDI](#) [1-8 HD-SDI over fiber products](#)

Base Model F-M1SDI-TX / RX support single mode fiber up to 20Km and it has ST / PC connector

Additional Model Selection:

F-1MSDI-TX / RX-XX-YY-ZZ-3G

F-M1SDI-TX / RX-XX

XX = Optical connector: SC / PC, FC / PC (sa price)

F-M1SDI-TX / RX-XX-YY

YY = Fiber optic distance 40,60,80,100,120l (add \$)

F-M1SDI-TX / RX-XX-YY-ZZ

ZZ = (MM) Multi-mode (SM) Single-mode (sa price)

(MM only good for for very short distances)

3G SDI supported up to 3Gbps and pathological patterns (\$)

F-M1SDI-TX /
RX-XX-YY-ZZ-3G



| 800-521-8467 EXT 1 | sales@thorfiber.com

Product Specifications



** All Specifications Subject to Change Without Notice*

HD-SDI, SD-SDI or DVB-ASI

0 - 1.5 Gbps Serial Digital Signal (3Gbps SDI model available)

HD-SDI Input

Input Signal Standard: SMPTE292M, SMPTE259M, SMPTE297M, SMPTE310, SMPTE305 (SDTI), DVB-ASI (EN50083-9), Medi Audio

Number of Input

1 SDI - (BNC) 1 RS-485 (terminal block)

Signal Level

> 380mVp-p

Impedance

75Ω

Connector

BNC

Distance

20/20/60/80 / 100Km - model selection

mini box	25 × 116 × 110
Power Supply	130 - 260 VAC @ 50-60 Hz
Power Consumption	<10W
Temperature	0 to +70 Degree
humidity	0 to 95%
Connector	ST / PC or SC / PC or FC / PC per request
Optical Channels	Type CWDM 1310nm / 1550nm
RH	Non-condensing
LED Status Indicator Power	