

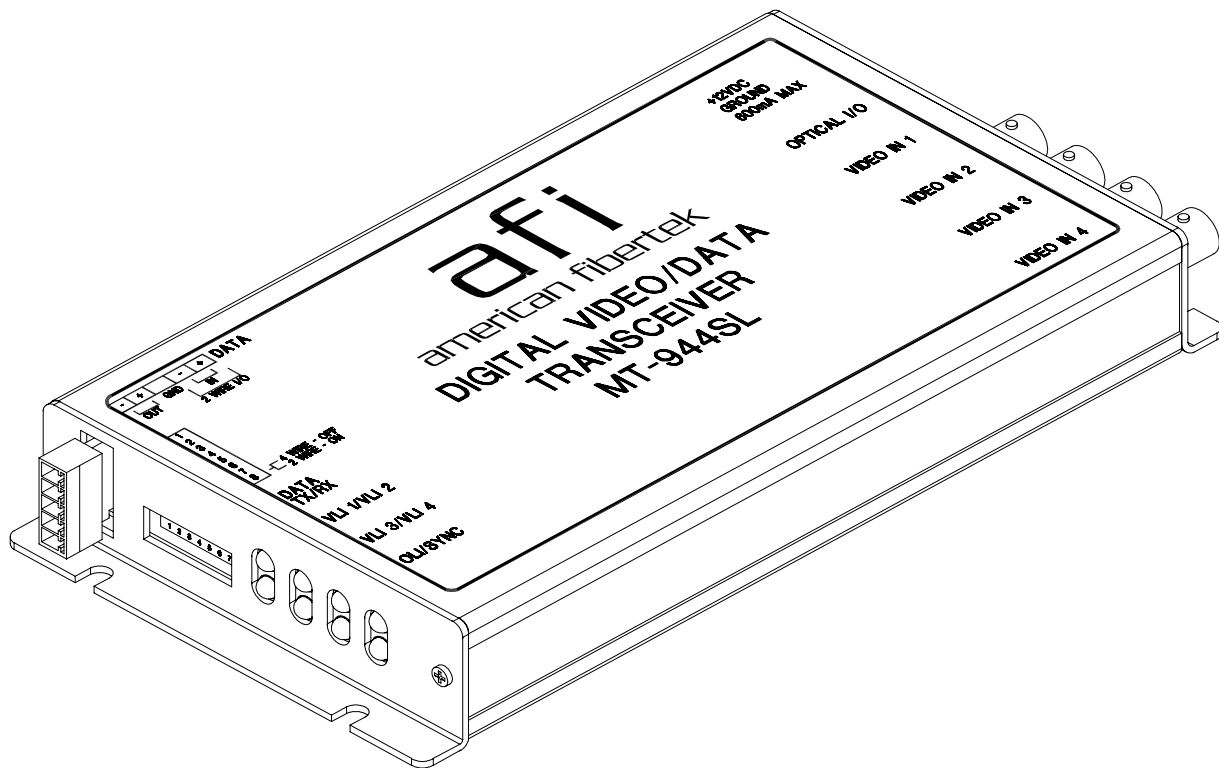
afi

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Fiber Optic Video, Audio, and Data Transmission Systems
Fiber Optic Cables and Accessories

RoHS Part List



International

Effective January 27 2009

ONE WAY VIDEO SYSTEMS - MULTIMODE / SINGLEMODE

American Fibertek Video Systems offer a complete range of low cost, highly reliable products to meet the most demanding system requirements. Long distance systems using both IM and FM technology are available for 850 nm multimode, 1300nm multimode, and 1300nm singlemode applications. As with all American Fibertek products, these systems are available as modules or rack mount systems.

Suitability for use can be determined by referring to complete product specifications through the following sources: the American Fibertek Web Site www.americanfibertek.com, the American Fibertek comprehensive product CD, the American Fibertek Product Catalog, or by calling us at 1-877-AFI(234)-7200.

Analog Video System-850nm **(For System Loss Up To 15dB)**

MT-10	Single Channel Module Video Transmitter	Multimode
RT-20	Two Channel Rack Card Video Transmitter (One fiber per channel)	Multimode
RR-20	Two Channel Rack Card Video Receiver (One fiber per channel)	Multimode

FM Video System - 850nm - Low Profile **(For System Loss Up To 12dB)**

MTM-1C	Single Channel Mini Module Camera Mount Transmitter	Multimode
MTM-100C	Single Channel Module Video Transmitter - Low Profile	Multimode
RTM-100C	Single Channel Rack Card Video Transmitter	Multimode
RTM-30C	Three Channel Rack Card Video Transmitter (One fiber per channel)	Multimode
MRM-100C	Single Channel Module Video Receiver - Low Profile	Multimode
RRM-100C	Single Channel Rack Card Video Receiver	Multimode
RRM-30C	Three Channel Video Rack Card Receiver (One fiber per channel)	Multimode

FM Video System - 1300nm - Low Profile **(For System Loss Up To 12dB)**

MTM-3C	Single Channel Mini Module Camera Mount Transmitter	Multimode
MTM-300C	Single Channel Module Video Transmitter - Low Profile	Multimode
RTM-300C	Single Channel Rack Card Video Transmitter	Multimode
RTM-33C	Three Channel Rack Card Video Transmitter (One fiber per channel)	Multimode
MRM-300C	Single Channel Module Video Receiver - Low Profile	Multimode
RRM-300C	Single Channel Rack Card Video Receiver	Multimode
RRM-33C	Three Channel Video Rack Card Receiver (One fiber per channel)	Multimode

FM Video System - 1300nm - Low Profile **(For System Loss Up To 12dB)**

MTM-300C-S	Single Channel Module Video Transmitter - Low Profile	Singlemode
RTM-300C-S	Single Channel Rack Card Video Transmitter	Singlemode
RTM-33C-S	Three Channel Rack Card Video Transmitter (One fiber per channel)	Singlemode
MRM-300C-S	Single Channel Module Video Receiver - Low Profile	Singlemode
RRM-300C-S	Single Channel Rack Card Video Receiver	Singlemode
RRM-33C-S	Three Channel Video Rack Card Receiver (One fiber per channel)	Singlemode

MULTI-CHANNEL ONE WAY VIDEO SYSTEMS - MULTIMODE

Extending the use of fiber optic cable bandwidth, American Fibertek offers a complete line of low-cost four channel and eight channel video system. These systems are designed for multimode and extended distance multimode applications.

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Single Fiber Four-Channel FM Video System - 1300nm
(For System Loss Up To 6dB Or Distance Of Up To 2.5km)

MT-404C	Four Channel FM Video Module Transmitter	Multimode
RT-404C	Four Channel FM Video Rack Card Transmitter	Multimode
MR-404C	Four Channel FM Video Module Receiver	Multimode
RR-404C	Four Channel FM Video Rack Card Receiver	Multimode

Single Fiber Four-Channel FM Video System - 1300nm
(For System Loss Up To 12dB Or Distance Of Up To 5km)

MT-440C	Four Channel FM Video Module Transmitter	Multimode
RT-440C	Four Channel FM Video Rack Card Transmitter	Multimode
MR-440C	Four Channel FM Video Module Receiver	Multimode
RR-440C	Four Channel FM Video Rack Card Receiver	Multimode

Single Fiber Eight-Channel FM Video System - 1300/1550nm
(For System Loss Up To 12dB Or Distance Of Up To 5km)

MRT-880C	Eight Channel FM Video Module/Rack Transmitter	Multimode
MRR-880C	Eight Channel FM Video Module/Rack Receiver	Multimode

MULTI-CHANNEL VIDEO/DATA SYSTEM - MULTIMODE

Single Fiber Four Channel Video / Data System - 850/1300nm
(For System Loss Up To 20dB @ 850nm, 12dB @ 1300nm, Or Distance Of Up To 5km)

MTX-8485C	Module/Rack Video Transmitter/Data Transceiver	Multimode
MRX-8485C	Module/Rack Video Receiver/Data Transceiver	Multimode

Single Fiber Eight Channel Video / Data System - 850/1300/1550nm
(For System Loss Up To 20dB @ 850nm, 12dB @ 1300/1550nm, Or Distance Of Up To 5km)

MTX-8885C	Module/Rack Video Transmitter/Data Transceiver	Multimode
MRX-8885C	Module/Rack Video Receiver/Data Transceiver	Multimode

ONE WAY VIDEO / BI-DIRECTIONAL CONTROL SYS. - MULTIMODE

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Single Fiber Bi-directional Transceivers - Low Profile One Way Video with Two Way Data for Sensornet - 850/1300nm (For System Loss Up To 12dB)

MTM-61	Video/Sensornet Module Transmitter	Multimode
RTM-61	Video/Sensornet Rack Card Transmitter	Multimode
MRM-61	Video/Sensornet Module Receiver	Multimode
RRM-61	Video/Sensornet Rack Card Receiver	Multimode

Dual Fiber Bi-directional Transceivers - Low Profile One Way Video with Two Way RS-485 Selectable Two-Wire or Four Wire - 850nm (For System Loss Up To 12dB)

MTM-61-2F8	Video/Sensornet Module Transmitter	Multimode
RTM-61-2F8	Video/Sensornet/Rack Card Transmitter	Multimode
MRM-61-2F8	Video/Sensornet Module Receiver	Multimode
RRM-61-2F8	Video/Sensornet/Rack Card Receiver	Multimode

Single Fiber Bi-directional Transceivers - Low Profile One Way Video with Two Way RS-485 Selectable Two-Wire or Four Wire - 850/1300nm (For System Loss Up To 12dB)

MTM-1485	Video/RS-485 Module Transmitter	Multimode
RTM-1485	Video/RS-485 Rack Card Transmitter	Multimode
MRM-1485	Video/RS-485 Module Receiver	Multimode
RRM-1485	Video/RS-485 Rack Card Receiver	Multimode

Dual Fiber Bi-directional Transceivers - Low Profile One Way Video with Two Way RS-485 Selectable Two-Wire or Four Wire - 850nm (For System Loss Up To 12dB)

MTM-1485-2F8	Video/RS-485 Module Transmitter	Multimode
RTM-1485-2F8	Video/RS-485 Rack Card Transmitter	Multimode
MRM-1485-2F8	Video/RS-485 Module Receiver	Multimode
RRM-1485-2F8	Video/RS-485 Rack Card Receiver	Multimode

Single Fiber Bi-directional Transceivers-Low Profile One Way Video with Reverse "Up the Coax" Camera Control-850/1300nm (For System Loss Up to 12 dB)

MTM-1605	Video/"Up the Coax" Module Transmitter	Multimode
RTM-1605	Video/"Up the Coax" Rack Card Transmitter	Multimode
MRM-1605	Video/"Up the Coax" Module Receiver	Multimode
RRM-1605	Video/"Up the Coax" Rack Card Receiver	Multimode

DIGITAL VIDEO/DATA SYSTEMS - MULTIMODE / SINGLEMODE

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Single Fiber 10 Bit Digital Video System with Multi-Protocol Data - 1300/1550nm

-Up to Three Switch Selectable Bi-Directional Channels Consisting of RS485, RS422, RS232, or Manchester (For System Loss Up To 12dB Or Distance Of Up To 4km)

MT-913	Single Channel Module Video Transmitter/Data Transceiver	Multimode
RT-913	Single Channel Rack Card Video Transmitter/Data Transceiver	Multimode

MR-913	Single Channel Module Video Receiver/Data Transceiver	Multimode
RR-913	Single Channel Rack Card Video Receiver/Data Transceiver	Multimode

AFINETY Diagnostics available (MT-913D, RT-913D, MR-913D, and RR-913D)

Single Fiber 10 Bit Digital Video System with Contact Closure and Multi-Protocol Data - 1300/1550nm

-One Switch Selectable Bi-Directional Channel Consisting of RS485, RS422, RS232, or Manchester

-And One Bi-Directional Contact Closure Channel

(For System Loss Up To 12dB Or Distance Of Up To 4km)

MT-915	Single Channel Module Video Transmitter/Data Transceiver	Multimode
RT-915	Single Channel Rack Card Video Transmitter/Data Transceiver	Multimode

MR-915	Single Channel Module Video Receiver/Data Transceiver	Multimode
RR-915	Single Channel Rack Card Video Receiver/Data Transceiver	Multimode

AFINETY Diagnostics available (MT-915D, RT-915D, MR-915D, and RR-915D)

Single Fiber 10 Bit Digital Video System with Multi-Protocol Data - 1300/1550nm

-Up to Three Switch Selectable Bi-Directional Channels Consisting of RS485, RS422, RS232, or Manchester

(For System Loss Up To 21dB)

MT-913SL	Single Channel Module Video Transmitter/Data Transceiver	Singlemode
RT-913SL	Single Channel Rack Card Video Transmitter/Data Transceiver	Singlemode

MR-913SL	Single Channel Module Video Receiver/Data Transceiver	Singlemode
RR-913SL	Single Channel Rack Card Video Receiver/Data Transceiver	Singlemode

AFINETY Diagnostics available (MT-913D-SL, RT-913D-SL, MR-913D-SL, and RR-913D-SL)

Single Fiber 10 Bit Digital Video System with Contact Closure and Multi-Protocol Data - 1300/1550nm

-One Switch Selectable Bi-Directional Channel Consisting of RS485, RS422, RS232, or Manchester

-And One Bi-Directional Contact Closure Channel

(For System Loss Up To 21dB)

MT-915SL	Single Channel Module Video Transmitter/Data Transceiver	Singlemode
RT-915SL	Single Channel Rack Card Video Transmitter/Data Transceiver	Singlemode

MR-915SL	Single Channel Module Video Receiver/Data Transceiver	Singlemode
RR-915SL	Single Channel Rack Card Video Receiver/Data Transceiver	Singlemode

AFINETY Diagnostics available (MT-915D-SL, RT-915D-SL, MR-915D-SL, and RR-915D-SL)

DIGITAL VIDEO& VIDEO/DATA/AUDIO SYSTEMS - MULTIMODE

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Single Fiber 10 Bit Digital Video System with Bi-Directional Audio-1300/1550nm
- Two Channels of Bi-Directional Audio
(For System Loss Up To 12dB Or Distance Of Up To 4km)

MT-91P088	Single Channel Module Video Transmitter/Audio Transceiver	Multimode
RT-91P088	Single Channel Rack Card Video Transmitter/Audio Transceiver	Multimode
MR-91P088	Single Channel Module Video Receiver/Audio Transceiver	Multimode
RR-91P088	Single Channel Rack Card Video Receiver/Audio Transceiver	Multimode

AFINETY Diagnostics available (MT-91P088D, RT-91P088D, MR-91P088D, and RR-91P088D)

Single Fiber 10 Bit Digital Video System with Bi-Directional Audio and Data 1300/1500nm
-Two Channels of Bi-Directional Data Consisting of RS485, RS422, RS232, or Manchester/Bosch
-And One Bi-Directional Audio Channel
(For System Loss Up To 12dB Or Distance Of Up To 4km)

MT-91P558	Single Channel Module Video Transmitter/Data & Audio Transceiver	Multimode
RT-91P558	Single Channel Rack Card Video Transmitter/Data & Audio Transceiver	Multimode
MR-91P558	Single Channel Module Video Receiver/Data & Audio Transceiver	Multimode
RR-91P558	Single Channel Rack Card Video Receiver/Data & Audio Transceiver	Multimode

AFINETY Diagnostics available (MT-91P558D, RT-91P558D, MR-91P558D, and RR-91P558D)

Single Fiber 10 Bit Digital Video System with Bi-Directional Audio and Data 1300/1500nm
-One Channels of Bi-Directional Data Consisting of RS485, RS422, RS232, or Manchester/Bosch
One Channel of Bi-Directional Audio
-And One Bi-Directional Contact Closure
(For System Loss Up To 12dB Or Distance Of Up To 4km)

MT-91P589	Single Channel Module Video Transmitter/Data & Audio Transceiver	Multimode
RT-91P589	Single Channel Rack Card Video Transmitter/Data & Audio Transceiver	Multimode
MR-91P589	Single Channel Module Video Receiver/Data & Audio Transceiver	Multimode
RR-91P589	Single Channel Rack Card Video Receiver/Data & Audio Transceiver	Multimode

AFINETY Diagnostics available (MT-91P589D, RT-91P589D, MR-91P589D, and RR-91P589D)

Single Fiber 10 Bit Digital Video System with Bi-Directional Audio and Contact Closure 1300/1500nm
-One Channel of Bi-Directional Audio
-And Two Channels of Bi-Directional Contact Closure
(For System Loss Up To 12dB Or Distance Of Up To 4km)

MT-91P899	Single Channel Module Video Transmitter/Data & Audio Transceiver	Multimode
RT-91P899	Single Channel Rack Card Video Transmitter/Data & Audio Transceiver	Multimode
MR-91P899	Single Channel Module Video Receiver/Data & Audio Transceiver	Multimode
RR-91P899	Single Channel Rack Card Video Receiver/Data & Audio Transceiver	Multimode

AFINETY Diagnostics available (MT-91P899D, RT-91P899D, MR-91P899D, and RR-91P899D)

DIGITAL MULTI-CHANNEL VIDEO/DATA SYSTEMS - MULTIMODE

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Single Fiber Four-Channel 8 Bit Digital Video System-1300nm (For System Loss Up To 12dB Or Distance Of Up To 2km)

MT-904	Four Channel Module Video Transmitter	Multimode
RT-904	Four Channel Rack Card Video Transmitter	Multimode
MR-904	Four Channel Module Video Receiver	Multimode
RR-904	Four Channel Rack Card Video Receiver	Multimode

AFINETY Diagnostics available on rack card versions (RT-904D and RR-904D)

Single Fiber Four-Channel 10 Bit Digital Video System - 1300nm (For System Loss Up To 12dB Or Distance Of Up To 2km)

MT-940	Four Channel Module Video Transmitter	Multimode
RT-940	Four Channel Rack Card Video Transmitter	Multimode
MR-940	Four Channel Module Video Receiver	Multimode
RR-940	Four Channel Rack Card Video Receiver	Multimode

AFINETY Diagnostics available on rack card versions (RT-940D and RR-940D)

Single Fiber Four-Channel 10 Bit Digital Video System with MPD Data and Contact Closure - 1300/1550nm -One Switch Selectable Bi-Directional Channel Consisting of RS485, RS422, RS232, or Manchester -And One Bi-Directional Contact Closure (For System Loss Up To 12dB Or Distance Of Up To 2km)

MT-946	Four Channel Module Video Transmitter/Data Transceiver	Multimode
RT-946	Four Channel Rack Card Video Transmitter/Data Transceiver	Multimode
MR-946	Four Channel Module Video Receiver/Data Transceiver	Multimode
RR-946	Four Channel Rack Card Video Receiver/Data Transceiver	Multimode

AFINETY Diagnostics available (MT-946D, RT-946D, MR-946D, and RR-946D)

Single Fiber Eight-Channel 10 Bit Digital Video System - 1300nm (For System Loss Up To 12dB Or Distance Of Up To 1km)

MRT-980	Eight Channel Module/Rack Video Transmitter	Multimode
RT-980	Eight Channel Rack Card Video Transmitter	Multimode
MRR-980	Eight Channel Module/Rack Video Receiver	Multimode
RR-980	Eight Channel Rack Card Video Receiver	Multimode

AFINETY Diagnostics available on rack card versions (RT-980D and RR-980D)

Single Fiber Eight-Channel 10 Bit Digital Video System with MPD Data and Contact Closure - 1300/1550nm -One Switch Selectable Bi-Directional Channel Consisting of RS485, RS422, RS232, or Manchester -And One Bi-Directional Contact Closure (For System Loss Up To 12dB Or Distance Of Up To 1km)

MT-986	Eight Channel Module/Rack Video Transmitter/Data Transceiver	Multimode
RT-986	Eight Channel Rack Card Video Transmitter/Data Transceiver	Multimode
MR-986	Eight Channel Module/Rack Video Receiver/Data Transceiver	Multimode
RR-986	Eight Channel Rack Card Video Receiver/Data Transceiver	Multimode

AFINETY Diagnostics available on rack card versions (RT-986D and RR-986D)

DIGITAL VIDEO& VIDEO/DATA/AUDIO SYSTEMS - SINGLEMODE

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Single Fiber 10 Bit Digital Video System with Bi-Directional Audio-1300/1550nm

- Two Channels of Bi-Directional Audio

(For System Loss Up To 21dB)

MT-91P088SL	Single Channel Module Video Transmitter/Audio Transceiver	Singlemode
RT-91P088SL	Single Channel Rack Card Video Transmitter/Audio Transceiver	Singlemode

MR-91P088SL	Single Channel Module Video Receiver/Audio Transceiver	Singlemode
RR-91P088SL	Single Channel Rack Card Video Receiver/Audio Transceiver	Singlemode

AFINETY Diag available (MT-91P088D-SL, RT-91P088D-SL, MR-91P088D-SL, and RR-91P088D-SL)

Single Fiber 10 Bit Digital Video System with Bi-Directional Audio and Data 1300/1500nm

-Two Channels of Bi-Directional Data Consisting of RS485, RS422, RS232, or Manchester/Bosch

-And One Bi-Directional Audio Channel

(For System Loss Up To 21dB)

MT-91P558SL	Single Channel Module Video Transmitter/Data & Audio Transceiver	Singlemode
RT-91P558SL	Single Channel Rack Card Video Transmitter/Data & Audio Transceiver	Singlemode

MR-91P558SL	Single Channel Module Video Receiver/Data & Audio Transceiver	Singlemode
RR-91P558SL	Single Channel Rack Card Video Receiver/Data & Audio Transceiver	Singlemode

AFINETY Diag available (MT-91P558D-SL, RT-91P558D-SL, MR-91P558D-SL, and RR-91P558D-SL)

Single Fiber 10 Bit Digital Video System with Bi-Directional Audio and Data 1300/1500nm

-One Channels of Bi-Directional Data Consisting of RS485, RS422, RS232, or Manchester/Bosch

One Channel of Bi-Directional Audio

-And One Channel of Bi-Directional Contact Closure

(For System Loss Up To 12dB)

MT-91P589SL	Single Channel Module Video Transmitter/Data & Audio Transceiver	Singlemode
RT-91P589SL	Single Channel Rack Card Video Transmitter/Data & Audio Transceiver	Singlemode

MR-91P589SL	Single Channel Module Video Receiver/Data & Audio Transceiver	Singlemode
RR-91P589SL	Single Channel Rack Card Video Receiver/Data & Audio Transceiver	Singlemode

AFINETY Diag available (MT-91P589D-SL, RT-91P589D-SL, MR-91P589D-SL, and RR-91P589D-SL)

Single Fiber 10 Bit Digital Video System with Bi-Directional Audio and Contact Closure 1300/1500nm

-One Channel of Bi-Directional Audio

-And Two Channels of Bi-Directional Contact Closure

(For System Loss Up To 12dB Or Distance Of Up To 4km)

MT-91P899SL	Single Channel Module Video Transmitter/Data & Audio Transceiver	Singlemode
RT-91P899SL	Single Channel Rack Card Video Transmitter/Data & Audio Transceiver	Singlemode

MR-91P899SL	Single Channel Module Video Receiver/Data & Audio Transceiver	Singlemode
RR-91P899SL	Single Channel Rack Card Video Receiver/Data & Audio Transceiver	Singlemode

AFINETY Diag available (MT-91P899D-SL, RT-91P899D-SL, MR-91P899D-SL, and RR-91P899D-SL)

DIGITAL MULTI-CHANNEL VIDEO/DATA SYSTEMS - SINGLEMODE

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Single Fiber Four-Channel 10 Bit Digital Video System - 1300nm **(For System Loss Up To 21dB)**

MT-940SL	Four Channel Module Video Transmitter	Singlemode
RT-940SL	Four Channel Rack Card Video Transmitter	Singlemode

MR-940SL	Four Channel Module Video Receiver	Singlemode
RR-940SL	Four Channel Rack Card Video Receiver	Singlemode

AFINETY Diagnostics available on rack card versions (RT-940D-SL, RR-940D-SL)

Single Fiber Four-Channel 10 Bit Digital Video System with MPD Data and Contact Closure - 1300/1550nm **-One Switch Selectable Bi-Directional Channel Consisting of RS485, RS422, RS232, or Manchester** **-And One Bi-Directional Contact Closure (For System Loss Up To 21dB)**

MT-946SL	Four Channel Module Video Transmitter/Data Transceiver	Singlemode
RT-946SL	Four Channel Rack Card Video Transmitter/Data Transceiver	Singlemode

MR-946SL	Four Channel Module Video Receiver/Data Transceiver	Singlemode
RR-946SL	Four Channel Rack Card Video Receiver/Data Transceiver	Singlemode

AFINETY Diagnostics available (MT-946D-SL, RT-946D-SL, MR-946D-SL, and RR-946D-SL)

Single Fiber Eight-Channel 10 Bit Digital Video System - 1300nm **(For System Loss Up To 15dB)**

MT-980SL	Eight Channel Module/Rack Video Transmitter	Singlemode
RT-980SL	Eight Channel Rack Card Video Transmitter	Singlemode

MR-980SL	Eight Channel Module/Rack Video Receiver	Singlemode
RR-980SL	Eight Channel Rack Card Video Receiver	Singlemode

AFINETY Diagnostics available on rack card versions (RT-980-SL, RR-980-SL)

Single Fiber Eight-Channel 10 Bit Digital Video System with MPD Data and Contact Closure - 1300/1550nm **-One Switch Selectable Bi-Directional Channel Consisting of RS485, RS422, RS232, or Manchester** **-And One Bi-Directional Contact Closure (For System Loss Up To 21dB)**

MTX-986SL	Eight Channel Module/Rack Video Transmitter/Data Transceiver	Singlemode
RT-986SL	Eight Channel Rack Card Video Transmitter/Data Transceiver	Singlemode

MRX-986SL	Eight Channel Module/Rack Video Receiver/Data Transceiver	Singlemode
RR-986SL	Eight Channel Rack Card Video Receiver/Data Transceiver	Singlemode

AFINETY Diagnostics available on rack card versions (RT-986D-SL, RR-986D-SL)

ETHERNET SYSTEMS - MULTIMODE / SINGLEMODE

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Dual Fiber Bi-directional 10Base-T or 100Base-TX Ethernet Data System - 1300nm
(For System Loss Up To 11dB)

MX-45-FX-ST	Ethernet Module Transceiver - ST Connector	Multimode
MX-45-FX-SC	Ethernet Module Transceiver - SC Connector	Multimode
RX-45-FX-ST	Ethernet Rack Card Transceiver - ST Connector	Multimode
RX-45-FX-SC	Ethernet Rack Card Transceiver - SC Connector	Multimode

Single Fiber Bi-directional 10Base-T or 100Base-TX Ethernet Data System - 1300/1550nm
(For System Loss Up To 11dB)

MT-45-ML-SC	Ethernet Module Transmitter - SC Connector	Multimode
RT-45-ML-SC	Ethernet Rack Card Transmitter - SC Connector	Multimode
MR-45-ML-SC	Ethernet Module Receiver - SC Connector	Multimode
RR-45-ML-SC	Ethernet Rack Card Receiver - SC Connector	Multimode

Dual Fiber Bi-directional 1000Base-SX Ethernet Data System - 850nm
(For System Loss Up To 7dB)

MX-47-SX	Ethernet Module Transceiver	Multimode
RX-47-SX	Ethernet Rack Card Transceiver	Multimode

Dual Fiber Bi-directional 1000Base-LX Ethernet Data System - 1300nm
(For System Loss Up To 10dB)

MX-47-LX	Ethernet Module Transceiver	Multimode
RX-47-LX	Ethernet Rack Card Transceiver	Multimode

Single Fiber Bi-directional 1000Base-LX Ethernet Data System - 1300/1550nm
(For System Loss Up To 8dB)

MTX-47-LX	Ethernet Module Transmitter	Multimode
RTX-47-LX	Ethernet Rack Card Transmitter	Multimode
MRX-47-LX	Ethernet Module Receiver	Multimode
RRX-47-LX	Ethernet Rack Card Receiver	Multimode

Single Fiber Bi-directional Ethernet Data System - 1300/1550nm
(For System Loss Up To 11dB)

MT-45-SL-SC	Ethernet Module Transmitter - SC Connector	Singlemode
RT-45-SL-SC	Ethernet Rack Card Transmitter - SC Connector	Singlemode
MR-45-SL-SC	Ethernet Module Receiver - SC Connector	Singlemode
RR-45-SL-SC	Ethernet Rack Card Receiver - SC Connector	Singlemode

Dual Fiber Bi-directional 1000Base-LX Ethernet Data System - 1300nm
(For System Loss Up To 10dB)

MX-47-LX-SL	Ethernet Module Transceiver	Singlemode
RX-47-LX-SL	Ethernet Rack Card Transceiver	Singlemode

Single Fiber Bi-directional 1000Base-LX Ethernet Data System - 1300/1550nm
(For System Loss Up To 8dB)

MTX-47-LX-SL	Ethernet Module Transmitter	Singlemode
RTX-47-LX-SL	Ethernet Rack Card Transmitter	Singlemode
MRX-47-LX-SL	Ethernet Module Receiver	Singlemode
RRX-47-LX-SL	Ethernet Rack Card Receiver	Singlemode

ONE WAY CONTACT CLOSURE SYSTEMS - MULTIMODE

Suitability for use can be determined by referring to complete product specifications through the following sources: the American Fibertek Web Site www.americanfibertek.com, the American Fibertek comprehensive product CD, the American Fibertek Product Catalog, or by calling us at 1-877-AFI(234)-7200.

One Way Eight Channel Contact Closure System - 850nm (For System Loss Up To 17dB)

MT-81	Eight Channel Contact Closure Module Transmitter	Multimode
RT-81	Eight Channel Contact Closure Rack Card Transmitter	Multimode
MR-81	Eight Channel Contact Closure Module Receiver	Multimode
RR-81	Eight Channel Contact Closure Rack Card Receiver	Multimode

One Way Eight Channel Contact Closure System - 1300nm (For System Loss Up To 17dB)

MT-81-S	Eight Channel Contact Closure Module Transmitter	Singlemode
RT-81-S	Eight Channel Contact Closure Rack Card Transmitter	Singlemode
MR-81-S	Eight Channel Contact Closure Module Receiver	Singlemode
RR-81-S	Eight Channel Contact Closure Rack Card Receiver	Singlemode

FIBER EQUIPMENT RACK

The SR-20 family of subracks are 19" EIA Frames designed to hold any combination of American Fibertek Rack Cards. The SR-20/2 can accommodate up to 14 plug in rack cards. The SR-20D/2 can accommodate up to 13 plug in rack cards when using the RD-20D diagnostic card, or up to 14 plug in rack cards if not using the RD-20D diagnostic card. Blank panels are available for all rack configurations.

Suitability for use can be determined by referring to complete product specifications through the following sources: the American Fibertek Web Site www.americanfibertek.com, the American Fibertek comprehensive product CD, the American Fibertek Product Catalog, or by calling us at 1-877-AFI(234)-7200.

Sub-rack Assemblies with Power Supplies

SR-20/2 Standard SR-20 EIA 19" Frame with PSR-2 Power Supply

Sub-rack Power Supplies

PSR-2 Switching 100w Universal Power Supply (For use with SR-20 or SR-20D subrack)

Blank Panel Covers for SR-20, SR-20D, or SR-20R Sub-racks

BPS-1 One Slot Blank Panel Cover
 BPS-2 Two Slot Blank Panel Cover
 BPS-4 Four Slot Blank Panel Cover

AFINETY SYSTEM REMOTE DIAGNOSTICS

American Fibertek offers a password protected remote monitoring system for most of our digital fiber optic transceivers. Accessed from a number of standard web browsers, the AFINETY SYSTEM alerts the user to hard or soft failures via email or monitor output. All that's required to initiate this system is a SR-20D/2 subrack and a RD-20D diagnostic control card (see pricing below). **Any digital series part that indicates "AFINETY Diagnostics available" can then be monitored remotely by adding the letter 'D' to the part number and increasing the list price by \$200.00.** For example, a RR-913 which has a list price of \$2,200.00 would become a RR-913D with a list price of \$2,400.00. A modular field unit, the MT-913D in this case, could also be monitored remotely through its corresponding diagnostic enhanced rack transceiver.

AFINETY Sub-rack, Remote Diagnostic Card, and Power Supply

SR-20D/2 Diagnostic Capable SR-20D EIA 19" Frame with PSR-2 Power Supply
 RD-20D Diagnostic Control Rack Card
 PSR-2 Switching 100w Universal Power Supply (For use with SR-20D subrack)

TERMS AND CONDITIONS OF SALE

PAYMENT TERMS: All orders are subject to acceptance by American Fibertek Inc. Terms are 2%10, N 30 days to approved accounts. All accounts 60 days past due will be placed on C.O.D. immediately. Full performance by American Fibertek Inc. shall be deemed to have occurred upon shipment from American Fibertek's place of business in Somerset, New Jersey. American Fibertek shall make and invoice for partial shipments unless otherwise specified by the Purchaser.

CREDIT CARD PAYMENT: Is accepted with American Express, Visa and Master Card.

OPEN ACCOUNT: To establish an open account, submit a completed credit application, three (3) current credit references, a bank reference and a current financial statement (if available) for approval prior to shipment. Prepayment by advanced company check, certified funds, wire transfer, or C.O.D. will release orders pending credit approval.

PRICING: All pricing is subject to change without notice. All shipments are billed at current prevailing prices. We are not responsible for misprints or typographical errors. All merchandise subject to State and Federal taxes, if any.

SHIPPING: F.O.B. Somerset, New Jersey, U.S.A. Merchandise will be shipped surface freight, unless otherwise specified. We reserve the right to select final carrier of any shipment. Shipments are made to the common carrier in good condition. When transfer to the carrier is completed, American Fibertek's liability for the merchandise ceases. All claims for damages and shortages must be filed by the purchaser directly with the transporting company within 7 days after delivery. All damage and shortages must be noted on delivery report. American Fibertek reserves the right to ship + 10% on all Fiber Optic Cable orders.

SPECIAL HANDLING: American Fibertek reserves the right to place handling charges on special orders.

CANCELLATION: Orders accepted by American Fibertek, Inc. may be cancelled by the Purchaser at American Fibertek's discretion and shall be subject to payment by the Purchaser of a cancellation charge. Fiber Optic Cables cut to specified lengths and Cable Assemblies are not eligible for cancellation or return.

REPAIR AND RETURN INFORMATION: If a repair is required, contact American Fibertek for a Return Material Authorization (RMA) number and provide the following information: 1) Model and serial number
2) Date of shipment, P.O. number, or American Fibertek invoice number
3) Details of the problem or damage

RMA numbers are valid for thirty (30) days from date of issue. All products must be returned during this period. Products received after this date will be classified as non-returnable and sent back at shipper's expense.

NOTE: A Minimum charge of \$ 50.00 for bench time will apply to all non warranty repairs.

CREDIT RETURNS: No unauthorized returns will be accepted.

Products can qualify for a credit return if they have not been used, are in the original cartons and are not more than 6 months old. These products are subject to a 25% restock fee. All credit returns must have approval and authorization prior to shipment. A return authorization number (RMA #) must be obtained and material must be in original cartons with the RMA # clearly noted on the outside of the package. **Items that AFI designates as non-standard, special order items, fiber optic cable, and fiber optic cable assemblies are not returnable.** Upon approval credit amount will be posted to the customers account and will be the net amount after applicable restock fee, and will be applied toward credit or exchange only.

Ship freight prepaid to: American Fibertek Inc., 120 Belmont Drive, Somerset NJ 08873

5 Year WARRANTY INFORMATION

American Fibertek Inc warrants that at the time of delivery the products delivered will be free of defects in materials and workmanship. Defective products will be repaired or replaced at the exclusive option of American Fibertek. A Return Material Authorization number (RMA #) is required to send the products back in case of return. All returns must be shipped prepaid. This warranty is void if the products have been tampered with. This warranty shall be construed in accordance with New Jersey law and the courts of New Jersey shall have exclusive jurisdiction over this contract. **EXCEPT FOR THE FOREGOING WARRANTY, THERE IS NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, EXPRESSED OR IMPLIED, WHICH EXTENDS BEYOND THE WARRANTY SET FORTH IN THIS AGREEMENT.** In any event, American Fibertek will not be responsible or liable for contingent, consequential, or incidental damages. No agreement or understanding, expressed or implied, except as set forth in this warranty will be binding upon American Fibertek unless in writing, signed by a duly authorized officer of American Fibertek.

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