



American Fibertek fiber optic transmission equipment is designed to meet your video, control, audio and data system requirements. Units are available as either rack cards or modules with the latest enhancement of self diagnostics possible power on, video presence & optical loss (LEDs).
Transmission schemes are AM & FM and Digital using 850nm and 1300nm multimode or 1300nm and 1550nm singlemode. Transmission devices are either LED or LASER depending on system performance requirements. All units feature compact metal housings for modules and compact steel housings for rack cards.

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

PRICE LIST

AUDIO SYSTEMS

American Fibertek leads the industry in a broad range of products for audio applications. Designed according to the latest analog and digital technology, these products provide tremendous flexibility to meet today's demanding systems requirements

FEATURES: * Available as 600 ohm Unbalanced or 600 ohm Balanced Audio Input.
* Full Audio Bandwidth 20Hz-20KHz.

			<u>List</u>
MT-05B	Module Transmitter - Audio Input - 850nm	Multimode	\$ 290.00
RT-05B	Rack Card Transmitter - Audio Input - 850nm	Multimode	290.00
MT-05B-13	Module Transmitter - Audio Input - 1300nm	Multimode	520.00
RT-05B-13	Rack Card Transmitter - Audio Input - 1300nm	Multimode	520.00
MT-05B-S	Module Transmitter - Audio Input - 1300nm	Singlemode	720.00
RT-05B-S	Rack Card Transmitter - Audio Input - 1300nm	Singlemode	720.00
MR-05B	Module Receiver - Audio Output - 850nm	Multimode	290.00
RR-05B	Rack Card Receiver - Audio Output - 850nm	Multimode	290.00
MR-05B-13	Module Receiver - Audio Output - 1300nm	Multimode	520.00
RR-05B-13	Rack Card Receiver - Audio Output - 1300nm	Multimode	520.00
MR-05B-S	Module Receiver - Audio Output - 1300nm	Singlemode	720.00
RR-05B-S	Rack Card Receiver - Audio Output - 1300nm	Singlemode	720.00

Telephone Line Extender

MT-86	Module Transmitter - Phone Line Interface	Multimode	1,150.00
MT-86T	Module Transmitter - Talk-a-Phone	Multimode	1,150.00
MR-86	Module Receiver - Handset Device Interface	Multimode	1,150.00
RR-86	Rack Card Receiver - Handset Device Interface	Multimode	1,150.00
MT-86-2F8	Module Transmitter - Phone Line Interface- Dual Fiber - 850nm	Multimode	780.00
MT-86T-2F8	Module Transmitter - Talk-a-Phone- Dual Fiber - 850nm	Multimode	780.00
MR-86-2F8	Module Receiver - Handset Device Interface- Dual Fiber - 850nm	Multimode	780.00
RR-86-2F8	Rack Card Receiver - Handset Device Interface - Dual Fiber - 850 nm	Multimode	780.00

Note: Two fiber 1300nm (-2F13) available

Consult Factory

Single Fiber Bi-directional Transceivers- Audio and Contact Closure System
Interface for AiPhone Intercom LEF Systems

List

MT-89A-L	Module Transmitter - Station	Multimode	\$ 1,029.00
RT-89A-L	Rack Card Transmitter - Station	Multimode	1,029.00
MR-89A-L	Module Receiver - Master	Multimode	1,029.00
RR-89A-L	Rack Card Receiver - Master	Multimode	1,029.00

Extended length "EL" version available with 19dB loss budget Consult Factory

Single Fiber Bi-directional Transceivers- Audio and Contact Closure System
Interface for AiPhone Intercom NEM Systems

MT-89A-N	Module Transmitter - Station	Multimode	1,029.00
RT-89A-N	Rack Card Transmitter - Station	Multimode	1,029.00
MR-89A-N	Module Receiver - Master	Multimode	1,029.00
RR-89A-N	Rack Card Receiver - Master	Multimode	1,029.00

Extended length "EL" version available with 19dB loss budget Consult Factory

Single Fiber Bi-directional Transceivers- Audio and Contact Closure System
Interface for Dukane Intercom Systems

MT-89D	Module Transmitter - Station	Multimode	1,029.00
RT-89D	Rack Card Transmitter - Station	Multimode	1,029.00
MR-89D	Module Receiver - Master	Multimode	1,029.00
RR-89D	Rack Card Receiver - Master	Multimode	1,029.00

Extended length "EL" version available with 19dB loss budget Consult Factory

Single Fiber Bi-directional Transceivers- Audio and Contact Closure System
Interface for Gaitronics Intercom Systems

MT-89G	Module Transmitter - Station	Multimode	1,029.00
RT-89G	Rack Card Transmitter - Station	Multimode	1,029.00
MR-89G	Module Receiver - Master	Multimode	1,029.00
RR-89G	Rack Card Receiver - Master	Multimode	1,029.00

Extended length "EL" version available with 19dB loss budget Consult Factory

Single Fiber Bi-directional Transceivers- Audio and Contact Closure System
Interface for Stento Intercom Systems - 9600 Series

MT-89P	Module Transmitter - Station	Multimode	1,029.00
RT-89P	Rack Card Transmitter - Station	Multimode	1,029.00
MR-89P	Module Receiver - Master	Multimode	1,029.00
RR-89P	Rack Card Receiver - Master	Multimode	1,029.00

Extended length "EL" version available with 19dB loss budget Consult Factory

Single Fiber Bi-directional Transceivers- Audio and Contact Closure System

List

Interface for TOA Intercom Link

MT-89TX	Module Transmitter - Station	Multimode	\$ 1,029.00
RT-89TX	Rack Card Transmitter - Station	Multimode	1,029.00
MR-89TX	Module Receiver - Master	Multimode	1,029.00
RR-89TX	Rack Card Receiver - Master	Multimode	1,029.00

Extended length "EL" version available with 19dB loss budget Consult Factory

Single Fiber Bi-directional Transceiver- Dual Channel Audio - Audio S/N 50dB

MT-0880	Module Transmitter - Dual 4 Wire Audio	Multimode	895.00
RT-0880	Rack Card Transmitter - Dual 4 Wire Audio	Multimode	895.00
MR-0880	Module Receiver - Dual 4 Wire Audio	Multimode	895.00
RR-0880	Rack Card Receiver - Dual 4 Wire Audio	Multimode	895.00

Extended length "EL" version available with 19dB loss budget Consult Factory

Single Fiber Bi-directional Transceiver- Dual Channel Audio - High Performance - Audio S/N 65dB

MT-0880FM	Module Transmitter - Dual 4 Wire Audio	Multimode	1,490.00
RT-0880FM	Rack Card Transmitter - Dual 4 Wire Audio	Multimode	1,490.00
MR-0880FM	Module Receiver - Dual 4 Wire Audio	Multimode	1,490.00
RR-0880FM	Rack Card Receiver - Dual 4 Wire Audio	Multimode	1,490.00

Extended length "EL" version available with 19dB loss budget Consult Factory

Bi-directional Audio and Contact Closure System- Two-Way Audio and Two-Way Contact Closure - Audio S/N 50dB

MT-0890	Module Transmitter - 4 Wire Audio/Contact Closure	Multimode	895.00
RT-0890	Rack Card Transmitter - 4 Wire Audio/Contact Closure	Multimode	895.00
MR-0890	Module Receiver - 4 Wire Audio/Contact Closure	Multimode	895.00
RR-0890	Rack Card Receiver - 4 Wire Audio/Contact Closure	Multimode	895.00

Extended length "EL" version available with 19dB loss budget Consult Factory

Bi-directional Audio and Contact Closure System - High Performance - Two-Way Audio and Two-Way Contact Closure - Audio S/N 65dB

MT-0890FM	Module Transmitter - 4 Wire Audio/Contact Closure	Multimode	1,490.00
RT-0890FM	Rack Card Transmitter - 4 Wire Audio/Contact Closure	Multimode	1,490.00
MR-0890FM	Module Receiver - 4 Wire Audio/Contact Closure	Multimode	1,490.00
RR-0890FM	Rack Card Receiver - 4 Wire Audio/Contact Closure	Multimode	1,490.00

Extended length "EL" version available with 19dB loss budget Consult Factory

Please refer to page 45 for the module power supply selection chart

VIDEO SYSTEMS

American Fibertek Video Systems offer a complete range of low cost, highly reliable products to meet the most demanding systems 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

List

Single Channel Mini Video Transmitters

MT-1	Mini Module Camera Mount	Multimode	\$ 250.00
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Fiber Optic Video Kits

VK-1	Video Kit Includes: Mini Transmitter(MT-1), Receiver (MR-10M) and 2 Power Supplies(PS-12,PS-24)	Multimode	570.00
VK-10	Video Kit Includes: Transmitter(MT-10), Receiver (MR-10M) and 2 Power Supplies(PS-24)	Multimode	600.00
VK-1AGC	Video Kit Includes: Mini Transmitter(MT-1), Receiver (MR-10) and 2 Power Supplies(PS-12,PS-24)	Multimode	700.00
VK-10AGC	Video Kit Includes: Transmitter(MT-10), Receiver (MR-10) and 2 Power Supplies(PS-24)	Multimode	730.00
VK-100	Video Kit Includes: Transmitter(MTM-100), Receiver (MRM-100) and 2 Power Supplies(PS-12)	Multimode	560.00

Note: Video Kits are available with preconnectorized cable and factory installed pulling eyes, please contact American Fibertek for pricing.

Single Channel Video Transmission System

MT-10	Module Transmitter	Multimode	280.00
RT-10	Rack Card Transmitter	Multimode	280.00
MR-10	Module Receiver with AGC	Multimode	450.00
MR-10M	Module Receiver with Manual Gain	Multimode	320.00
RR-10	Rack Card Receiver with AGC	Multimode	450.00
RR-10M	Rack Card Receiver with Manual Gain	Multimode	320.00

Dual Channel Video Transmission System

RT-20	Rack Card Transmitter	Multimode	450.00
RR-20	Rack Card Receiver with AGC	Multimode	696.00
RR-20M	Rack Card Receiver with Manual Gain	Multimode	498.00

Single Channel FM Video Transmission System - 850nm - Low Profile

MTM-100	Low Profile Module FM Video Transmitter	Multimode	280.00
RTM-100	Rack Card FM Video Transmitter	Multimode	336.00
MRM-100	Low Profile Module FM Video Receiver	Multimode	280.00
RRM-100	Rack Card FM Video Receiver	Multimode	336.00

Single Channel FM Video Transmission System - 1300nm - Low Profile

List

MTM-300	Low Profile Module FM Video Transmitter	Multimode	\$	450.00
RTM-300	Rack Card FM Video Transmitter	Multimode		540.00
MRM-300	Low Profile Module FM Video Receiver	Multimode		450.00
RRM-300	Rack Card FM Video Receiver	Multimode		540.00

Single Channel FM Video Transmission System - 1300nm - Low Profile

MTM-300S	Low Profile Module FM Video Transmitter	Singlemode		780.00
RTM-300S	Rack Card FM Video Transmitter	Singlemode		890.00
MRM-300S	Low Profile Module FM Video Receiver	Singlemode		496.00
RRM-300S	Rack Card FM Video Receiver	Singlemode		596.00

Three Channel FM Video Transmission System - 850nm

RTM-30	3-Channel Video Rack Card Transmitter	Multimode		790.00
RRM-30	3-Channel Video Rack Card Receiver	Multimode		790.00

Three Channel FM Video Transmission System - 1300nm

RTM-33	3-Channel Video Rack Card Transmitter	Multimode		1,160.00
RRM-33	3-Channel Video Rack Card Receiver	Multimode		1,160.00

Three Channel FM Video Transmission System - 1300nm

RTM-33S	3-Channel Video Rack Card Transmitter	Singlemode		2,080.00
RRM-33S	3-Channel Video Rack Card Receiver	Singlemode		1,270.00

Please refer to page 45 for the module power supply selection chart

AUDIO/VIDEO SYSTEMS

Designed using the latest in PFM Video Technology, these systems are available with one or two high quality audio subcarriers. Systems can be used in security applications or distance learning Video/Audio broadcast environments. Available as either modules or rack mount units, these systems can be provided at 850nm and 1300nm wavelengths for multimode and 1300nm wavelengths for singlemode applications.

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			<u>List</u>
<u>FM Audio/Video System - 850nm</u>			
MT-108	Module Transmitter - Video/Audio Input	Multimode	\$ 560.00
RT-108	Rack Card Transmitter - Video/Audio Input	Multimode	560.00
MR-108	Module Receiver - Video/Audio Output	Multimode	560.00
RR-108	Rack Card Receiver - Video/Audio Output	Multimode	560.00
<u>FM Stereo Audio/Video System - 850nm</u>			
MT-188	Module Transmitter - Video/Audio Input	Multimode	670.00
RT-188	Rack Card Transmitter - Video/Audio Input	Multimode	670.00
MR-188	Module Receiver - Video/Audio Output	Multimode	670.00
RR-188	Rack Card Receiver - Video/Audio Output	Multimode	670.00
<u>FM Audio/Video System - 1300nm</u>			
MT-308	Module Transmitter - Video/Audio Input	Multimode	952.00
RT-308	Rack Card Transmitter - Video/Audio Input	Multimode	952.00
MR-308	Module Receiver - Video/Audio Output	Multimode	952.00
RR-308	Rack Card Receiver - Video/Audio Output	Multimode	952.00
<u>FM Stereo Audio/Video System - 1300nm</u>			
MT-388	Module Transmitter - Video/Audio Input	Multimode	1,048.00
RT-388	Rack Card Transmitter - Video/Audio Input	Multimode	1,048.00
MR-388	Module Receiver - Video/Audio Output	Multimode	1,048.00
RR-388	Rack Card Receiver - Video/Audio Output	Multimode	1,048.00
<u>FM Audio/Video System - 1300nm, ELED</u>			
MT-308S	Module Transmitter - Video/Audio Input	Singlemode	1,190.00
RT-308S	Rack Card Transmitter - Video/Audio Input	Singlemode	1,190.00
MR-308S	Module Receiver - Video/Audio Output	Singlemode	952.00
RR-308S	Rack Card Receiver - Video/Audio Output	Singlemode	952.00
<u>FM Stereo Audio/Video System - 1300 nm, ELED</u>			
MT-388S	Module Transmitter - Video/Audio Input	Singlemode	1,296.00
RT-388S	Rack Card Transmitter - Video/Audio Input	Singlemode	1,296.00
MR-388S	Module Receiver - Video/Audio Output	Singlemode	1,048.00
RR-388S	Rack Card Receiver - Video/Audio Output	Singlemode	1,048.00

FM Audio/Video System - 1300nm, Laser

List

MT-308SL	Module Transmitter - Video/Audio Input	Singlemode	\$	1,420.00
RT-308SL	Rack Card Transmitter - Video/Audio Input	Singlemode		1,420.00
MR-308SL	Module Receiver - Video/Audio Output	Singlemode		1,078.00
RR-308SL	Rack Card Receiver - Video/Audio Output	Singlemode		1,078.00

FM Stereo Audio/Video System - 1300nm, Laser

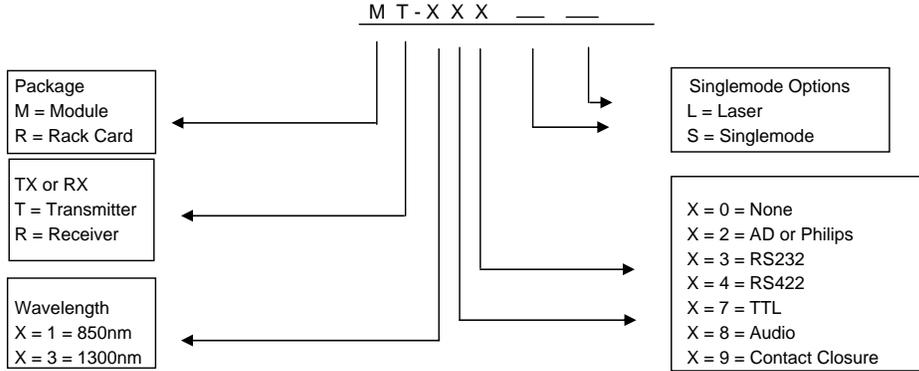
MT-388SL	Module Transmitter - Video/Audio Input	Singlemode		1,550.00
RT-388SL	Rack Card Transmitter - Video/Audio Input	Singlemode		1,550.00
MR-388SL	Module Receiver - Video/Audio Output	Singlemode		1,198.00
RR-388SL	Rack Card Receiver - Video/Audio Output	Singlemode		1,198.00

Please refer to page 45 for the module power supply selection chart

FM VIDEO SYSTEMS (With Audio & Data)

Designed to offer the most comprehensive range of high quality video transmission, these FM Video Systems are comprised of both rack card and module transmitters and receivers. These systems transmit PFM video and up to two sub-carriers on one optical fiber. Sub-carriers may be selected to be audio, data or contact closure in any combination. Available transmission systems include 850nm wavelength and 1300nm wavelength for multimode fiber and 1300nm wavelength for singlemode applications. These systems are an excellent choice for security or video broadcast applications where system design flexibility is important. design flexibility is important.

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EXAMPLE: RR-100 *Rack Mount - 850nm FM Video Receiver
 RT-308SL *Rack Mount - 1300nm Singlemode Laser Video Transmitter with Audio
 MR-348 *Module - 1300nm Multimode Video - RS422 & Audio Receiver

List

FM Video System - 850nm

MT-100	FM Video Module Transmitter	Multimode	\$	448.00
RT-100	FM Video Rack Card Transmitter	Multimode		448.00
MR-100	FM Video Module Receiver	Multimode		448.00
RR-100	FM Video Rack Card Receiver	Multimode		448.00

FM Video System - 850nm With One Sub-Carrier

MT-10X	FM Video Module Transmitter With One Sub-carrier	Multimode		560.00
RT-10X	FM Video Rack Card Transmitter With One Sub-carrier	Multimode		560.00
MR-10X	FM Video Module Receiver With One Sub-carrier	Multimode		560.00
RR-10X	FM Video Rack Card Receiver With One Sub-carrier	Multimode		560.00

FM Video System - 850nm With Two Sub-Carriers

MT-1XX	FM Video Module Transmitter With Two Sub-carriers	Multimode		670.00
RT-1XX	FM Video Rack Card Transmitter With Two Sub-carriers	Multimode		670.00
MR-1XX	FM Video Module Receiver With Two Sub-carriers	Multimode		670.00
RR-1XX	FM Video Rack Card Receiver With Two Sub-carriers	Multimode		670.00

FM Video System - 1300nm

MT-300	FM Video Module Transmitter	Multimode	\$	848.00
RT-300	FM Video Rack Card Transmitter	Multimode		848.00
MR-300	FM Video Module Receiver	Multimode		848.00
RR-300	FM Video Rack Card Receiver	Multimode		848.00

FM Video System - 1300nm With One Sub-Carrier

MT-30X	FM Video Module Transmitter With One Sub-carrier	Multimode		952.00
RT-30X	FM Video Rack Card Transmitter With One Sub-carrier	Multimode		952.00
MR-30X	FM Video Module Receiver With One Sub-carrier	Multimode		952.00
RR-30X	FM Video Rack Card Receiver With One Sub-carrier	Multimode		952.00

FM Video System - 1300nm With Two Sub-Carriers

MT-3XX	FM Video Module Transmitter With Two Sub-carriers	Multimode		1,048.00
RT-3XX	FM Video Rack Card Transmitter With Two Sub-carriers	Multimode		1,048.00
MR-3XX	FM Video Module Receiver With Two Sub-carriers	Multimode		1,048.00
RR-3XX	FM Video Rack Card Receiver With Two Sub-carriers	Multimode		1,048.00

FM Video System - 1300nm, ELED

MT-300S	FM Video Module Transmitter	Singlemode		1,080.00
RT-300S	FM Video Rack Card Transmitter	Singlemode		1,080.00
MR-300S	Fm Video Module Receiver	Singlemode		848.00
RR-300S	FM Video Rack Card Receiver	Singlemode		848.00

FM Video System - 1300nm With One Sub-Carrier, ELED

MT-30XS	FM Video Module Transmitter With One Sub-carrier	Singlemode		1,190.00
RT-30XS	FM Video Rack Card Transmitter With One Sub-carrier	Singlemode		1,190.00
MR-30XS	FM Video Module Receiver With One Sub-carrier	Singlemode		952.00
RR-30XS	FM Video Rack Card Receiver With One Sub-carrier	Singlemode		952.00

FM Video System - 1300nm With Two Sub-Carriers, ELED

MT-3XXS	FM Video Module Transmitter With Two Sub-carriers	Singlemode		1,296.00
RT-3XXS	FM Video Rack Card Transmitter With Two Sub-carriers	Singlemode		1,296.00
MR-3XXS	FM Video Module Receiver With Two Sub-carriers	Singlemode		1,048.00
RR-3XXS	FM Video Rack Card Receiver With Two Sub-carriers	Singlemode		1,048.00

FM Video System - 1300nm, Laser

MT-300SL	FM Video Module Transmitter	Singlemode		1,290.00
RT-300SL	FM Video Rack Card Transmitter	Singlemode		1,290.00
MR-300SL	FM Video Module Receiver	Singlemode		948.00
RR-300SL	FM Video Rack Card Receiver	Singlemode		948.00

FM Video System - 1300nm With One Sub-Carrier, Laser

List

MT-30XSL	FM Video Module Transmitter With One Sub-carrier	Singlemode	\$	1,420.00
RT-30XSL	FM Video Rack Card Transmitter With One Sub-carrier	Singlemode		1,420.00
MR-30XSL	FM Video Module Receiver With One Sub-carrier	Singlemode		1,078.00
RR-30XSL	FM Video Rack Card Receiver With One Sub-carrier	Singlemode		1,078.00

FM Video System - 1300nm With Two Sub-Carriers, Laser

MT-3XXSL	FM Video Module Transmitter With Two Sub-carriers	Singlemode		1,550.00
RT-3XXSL	FM Video Rack Card Transmitter With Two Sub-carriers	Singlemode		1,550.00
MR-3XXSL	FM Video Module Receiver With Two Sub-carriers	Singlemode		1,198.00
RR-3XXSL	FM Video Rack Card Receiver With Two Sub-carriers	Singlemode		1,198.00

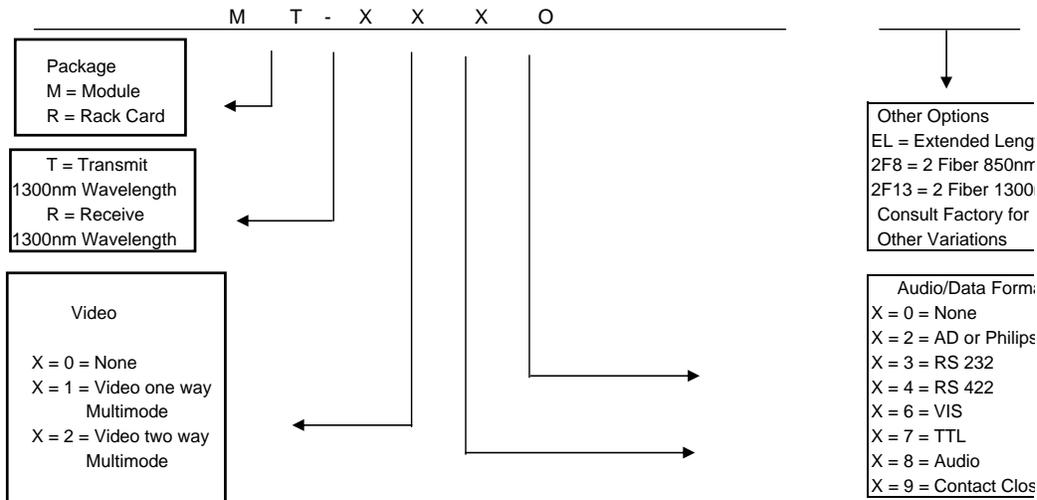
Please refer to page 45 for the module power supply selection chart

BI-DIRECTIONAL SYSTEMS

American Fibertek introduced bi-directional single fiber technology to the security and surveillance market in 1987. Our goal was to provide a completely transparent link to communications protocol using discrete model numbers. These systems have developed into the most extensive product family in the industry, including both singlemode and multimode fiber systems requirements. Using the latest technology, American Fibertek bi-directional transceivers allow for the transmission of up to three channels in each direction on a single optical fiber. Choices include video plus two additional signals. (Audio, Data or Contact Closure).

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Dual Window Bi-Directional Transmission for CCTV Multimode System



EXAMPLE: **MT-1480 - Module Transceiver** Located at Camera
 - Transmits Video, RS422 and Audio
 - Receives RS422 and Audio
RR-2390 - Rack Mount Transceiver Located at Control Site
 - Transmits Video, RS232 and a Contact Closure
 - Receives Video, RS232 and a Contact Closure

List

Single Fiber Bi-directional Transceivers - Low Profile One Way Video with Two Way Data for Sensornet

MTM-61	Video/Sensornet Module Transmitter	Multimode	\$	1,029.00
RTM-61	Video/Sensornet Rack Card Transmitter	Multimode		1,029.00
MRM-61	Video/Sensornet Module Receiver	Multimode		1,029.00
RRM-61	Video/Sensornet Rack Card Receiver	Multimode		1,029.00

Dual Fiber Bi-directional Transceivers - Low Profile One Way Video with Two Way Data for Sensornet

MTM-61-2F8	Video/Sensornet Module Transmitter	Multimode		696.00
RTM-61-2F8	Video/Sensornet Rack Card Transmitter	Multimode		696.00
MRM-61-2F8	Video/Sensornet Module Receiver	Multimode		696.00
RRM-61-2F8	Video/Sensornet Rack Card Receiver	Multimode		696.00

Note: Two Fiber, 1300nm (-2F13) - Available - Consult Factory

Single Fiber Bi-directional Transceivers - Low Profile One Way Video with
Return AD or Philips Code

List

MTM-1200B	Video/Data Module Transmitter	Multimode	\$ 796.00
RTM-1200B	Video/Data Rack Card Transmitter	Multimode	796.00
MRM-1200B	Video/Data Module Receiver	Multimode	796.00
RRM-1200B	Video/Data Rack Card Receiver	Multimode	796.00

Single Fiber Bi-directional Transceivers - Low Profile One Way Video &
Two Way RS422

MTM-1400	Video/RS422 Module Transmitter	Multimode	796.00
RTM-1400	Video/RS422 Rack Card Transmitter	Multimode	796.00
MRM-1400	Video/RS422 Module Receiver	Multimode	796.00
RRM-1400	Video/RS422 Rack Card Receiver	Multimode	796.00

Single Fiber Bi-directional Transceivers - "P" or "D" Protocol- Designed for Use With The
Pelco Backbox

RTM-1410	Video/Pelco "P" or "D" Protocol Dome Mount - Pelco Backbox	Multimode	750.00
MRM-1410	Video/Pelco "P" or "D" Protocol Module - Pelco Backbox	Multimode	796.00
RRM-1410	Video/Pelco "P" or "D" Protocol Rack Card - Pelco Backbox	Multimode	796.00
RRM-1420	Video/Pelco "P" or "D" Protocol 2-Up Rack Card - Pelco Backbox	Multimode	1,596.00

Single Fiber Bi-directional Transceivers - Low Profile One Way Video and Two
Way RS-485 Selectable Two-Wire or Four Wire

MTM-1485	Video/RS-485 Module Transmitter	Multimode	1,029.00
RTM-1485	Video/RS-485 Rack Card Transmitter	Multimode	1,029.00
MRM-1485	Video/RS-485 Module Receiver	Multimode	1,029.00
RRM-1485	Video/RS-485 Rack Card Receiver	Multimode	1,029.00

Dual Fiber Bi-directional Transceivers - Low Profile One Way Video and Two
Way RS-485 Selectable Two-Wire or Four Wire

MTM-1485-2F8	Video/RS-485 Module Transmitter	Multimode	696.00
RTM-1485-2F8	Video/RS-485 Rack Card Transmitter	Multimode	696.00
MRM-1485-2F8	Video/RS-485 Module Receiver	Multimode	696.00
RRM-1485-2F8	Video/RS-485 Rack Card Receiver	Multimode	696.00

Note: Two Fiber, 1300nm (-2F13) - Available - Consult Factory

Single Fiber Bi-directional Transceivers - Low Profile One Way Video with Reverse
" Up the Coax" Camera and PTZ Control

MTM-1600	Video/"Up the Coax" Module Transmitter	Multimode	796.00
RTM-1600	Video/" Up the Coax" Rack Card Transmitter	Multimode	796.00
MRM-1600	Video/" Up the Coax" Module Receiver	Multimode	796.00
RRM-1600	Video/" Up the Coax" Rack Card Receiver	Multimode	796.00
MTM-1610	Video/Pelco Coaxitron Dome Mount-Pelco Blackbox (Compatible with MRM-1600 & RRM-1600 Receivers)	Multimode	750.00

Single Fiber Bi-directional Transceivers - Low Profile One Way Video with Bi-directional
Panasonic Camera and PTZ Control

MTM-1600P	Video/Panasonic Proteus Module Transmitter	Multimode	796.00
RTM-1600P	Video/Panasonic Proteus Rack Card Transmitter	Multimode	796.00
MRM-1600P	Video/Panasonic Proteus Module Receiver	Multimode	796.00
RRM-1600P	Video/Panasonic Proteus Rack Card Receiver	Multimode	796.00

Single Fiber Bi-directional Transceivers - One Way Video with Return AD or Philips Code

List

MT-1200B	Video/Data Module Transmitter	Multimode	\$	895.00
RT-1200B	Video/Data Rack Card Transmitter	Multimode		895.00
MR-1200B	Video/Data Module Receiver	Multimode		895.00
RR-1200B	Video/Data Rack Card Receiver	Multimode		895.00

Extended length "EL" version available with 19dB loss budget. Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video with Return AD or Philips Code - With Additional Bi-directional Signal

MT-12X0B	Video/Data Module Transmitter	Multimode		1,029.00
RT-12X0B	Video/Data Rack Card Transmitter	Multimode		1,029.00
MR-12X0B	Video/Data Module Receiver	Multimode		1,029.00
RR-12X0B	Video/Data Rack Card Receiver	Multimode		1,029.00

Extended length "EL" version available with 19dB loss budget. Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video & Two Way RS232

MT-1300	Video/Two Way RS232 Module Transmitter	Multimode		895.00
RT-1300	Video/Two Way RS232 Rack Card Transmitter	Multimode		895.00
MR-1300	Video/Two Way RS232 Module Receiver	Multimode		895.00
RR-1300	Video/Two Way RS232 Rack Card Receiver	Multimode		895.00

Extended length "EL" version available with 19dB loss budget. Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video & Two Way RS232 - With Additional Bi-directional Signal

MT-13X0	Video/Two Way RS232 Module Transmitter	Multimode		1,029.00
RT-13X0	Video/Two Way RS232 Rack Card Transmitter	Multimode		1,029.00
MR-13X0	Video/Two Way RS232 Module Receiver	Multimode		1,029.00
RR-13X0	Video/Two Way RS232 Rack Card Receiver	Multimode		1,029.00

Extended length "EL" version available with 19dB loss budget. Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video & Two Way RS422

MT-1400	Video/Two Way RS422 Module Transmitter	Multimode		895.00
RT-1400	Video/Two Way RS422 Rack Card Transmitter	Multimode		895.00
MR-1400	Video/Two Way RS422 Module Receiver	Multimode		895.00
RR-1400	Video/Two Way RS422 Rack Card Receiver	Multimode		895.00

Extended length "EL" version available with 19dB loss budget. Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video & Two Way RS422 - With Additional Bi-directional Signal

MT-14X0	Video/Two Way RS422 Module Transmitter	Multimode		1,029.00
RT-14X0	Video/Two Way RS422 Rack Card Transmitter	Multimode		1,029.00

MR-14X0	Video/Two Way RS422 Module Receiver	Multimode	\$	1,029.00
RR-14X0	Video/Two Way RS422 Rack Card Receiver	Multimode		1,029.00

Single Fiber Bi-directional Transceivers for Kalatel Systems - One Way Audio & Video with Reverse RS422

MT-1400K	Video/Kalatel Module Transmitter	Multimode		895.00
RT-1400K	Video/Kalatel Rack Card Transmitter	Multimode		895.00
MR-1400K	Video/Kalatel Module Receiver	Multimode		895.00
RR-1400K	Video/Kalatel Rack Card Receiver	Multimode		895.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers for Kalatel Systems - One Way Audio & Video with Reverse RS422 - With Additional Bi-directional Signal

MT-14X0K	Video/Kalatel Module Transmitter	Multimode		1,029.00
RT-14X0K	Video/Kalatel Rack Card Transmitter	Multimode		1,029.00
MR-14X0K	Video/Kalatel Module Receiver	Multimode		1,029.00
RR-14X0K	Video/Kalatel Rack Card Receiver	Multimode		1,029.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video with Two-Way RS485

MT-1485-2	Video/RS485 Module Transmitter - 2 Wire	Multimode		1,150.00
RT-1485-2	Video/RS485 Rack Card Transmitter - 2 Wire	Multimode		1,150.00
MT-1485-4	Video/RS485 Module Transmitter - 4 Wire	Multimode		1,150.00
RT-1485-4	Video/RS485 Rack Card Transmitter - 4 Wire	Multimode		1,150.00
MR-1485-2	Video/RS485 Module Receiver - 2 Wire	Multimode		1,150.00
RR-1485-2	Video/RS485 Rack Card Receiver - 2 Wire	Multimode		1,150.00
MR-1485-4	Video/RS485 Module Receiver - 4 Wire	Multimode		1,150.00
RR-1485-4	Video/RS485 Rack Card Receiver - 4 Wire	Multimode		1,150.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video with Reverse "Up the Coax" Camera and PTZ Control

MT-1600	Video/"Up the Coax" Module Transmitter	Multimode		895.00
RT-1600	Video/"Up the Coax" Rack Card Transmitter	Multimode		895.00
MR-1600	Video/"Up the Coax" Module Receiver	Multimode		895.00
RR-1600	Video/"Up the Coax" Rack Card Receiver	Multimode		895.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Please refer to page 45 for the module power supply selection chart

Single Fiber Bi-directional Transceivers - One Way Video with Reverse - " Up the Coax"
Camera and PTZ Control - With Additional Bi-directional Signal

MT-16X0	Video/"Up the Coax" Module Transmitter	Multimode	\$ 1,029.00
RT-16X0	Video/"Up the Coax" Rack Card Transmitter	Multimode	1,029.00
MR-16X0	Video/"Up the Coax" Module Receiver	Multimode	1,029.00
RR-16X0	Video/"Up the Coax" Rack Card Receiver	Multimode	1,029.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video with Bi-directional Panasonic
Camera and PTZ Control

MT-1600P	Video/Panasonic Proteus Module Transmitter	Multimode	895.00
RT-1600P	Video/Panasonic Proteus Rack Card Transmitter	Multimode	895.00
MR-1600P	Video/Panasonic Proteus Module Receiver	Multimode	895.00
RR-1600P	Video/Panasonic Proteus Rack Card Receiver	Multimode	895.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way TTL

MT-1700	Video/TTL Module Transmitter	Multimode	895.00
RT-1700	Video/TTL Rack Card Transmitter	Multimode	895.00
MR-1700	Video/TTL Module Receiver	Multimode	895.00
RR-1700	Video/TTL Rack Card Receiver	Multimode	895.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way TTL - With Additional
Bi-Directional Signal

MT-17X0	Video/TTL Module Transmitter	Multimode	1,029.00
RT-17X0	Video/TTL Rack Card Transmitter	Multimode	1,029.00
MR-17X0	Video/TTL Module Receiver	Multimode	1,029.00
RR-17X0	Video/TTL Rack Card Receiver	Multimode	1,029.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way, Four Wire Audio

MT-1800	Video/4 Wire Audio Module Transmitter	Multimode	895.00
RT-1800	Video/4 Wire Audio Rack Card Transmitter	Multimode	895.00
MR-1800	Video/4 Wire Audio Module Receiver	Multimode	895.00
RR-1800	Video/4 Wire Audio Rack Card Receiver	Multimode	895.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way, Four Wire Audio - With
Additional Bi-directional Signal

MT-18X0	Video/4 Wire Audio Module Transmitter	Multimode	1,029.00
RT-18X0	Video/4 Wire Audio Rack Card Transmitter	Multimode	1,029.00

MR-18X0	Video/4 Wire Audio Module Receiver	Multimode	\$ 1,029.00
RR-18X0	Video/4 Wire Audio Rack Card Receiver	Multimode	1,029.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video with Two Way, Two Wire Audio

MT-1800-2W	Video/2 Wire Audio Module Transmitter	Multimode	1,029.00
RT-1800-2W	Video/2 Wire Audio Rack Card Transmitter	Multimode	1,029.00
MR-1800-2W	Video/2 Wire Audio Module Receiver	Multimode	1,029.00
RR-1800-2W	Video/2 Wire Audio Rack Card Receiver	Multimode	1,029.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video with Two Way, Two Wire Audio - With Additional Bi-Directional Signal

MT-18X0-2W	Video/2 Wire Audio Module Transmitter	Multimode	1,150.00
RT-18X0-2W	Video/2 Wire Audio Rack Card Transmitter	Multimode	1,150.00
MR-18X0-2W	Video/2 Wire Audio Module Receiver	Multimode	1,150.00
RR-18X0-2W	Video/2 Wire Audio Rack Card Receiver	Multimode	1,150.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way Contact Closure

MT-1900	Video/Contact Closure Module Transmitter	Multimode	895.00
RT-1900	Video/Contact Closure Rack Card Transmitter	Multimode	895.00
MR-1900	Video/Contact Closure Module Receiver	Multimode	895.00
RR-1900	Video/Contact Closure Rack Card Receiver	Multimode	895.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way Contact Closure - With Additional Bi-directional Signal

MT-19X0	Video/Contact Closure Module Transmitter	Multimode	1,029.00
RT-19X0	Video/Contact Closure Rack Card Transmitter	Multimode	1,029.00
MR-19X0	Video/Contact Closure Module Receiver	Multimode	1,029.00
RR-19X0	Video/Contact Closure Rack Card Receiver	Multimode	1,029.00

Extended length "EL" version available with 19dB loss budget.

Consult Factory

Single Fiber Bi-directional Transceiver - Data System for Sensornet

MT-60	Sensornet Module Transmitter	Multimode	Consult Factory
RT-60	Sensornet Rack Card Transmitter	Multimode	Consult Factory
MR-60	Sensornet Module Receiver	Multimode	Consult Factory
RR-60	Sensornet Rack Card Receiver	Multimode	Consult Factory

Please refer to page 45 for the module power supply selection chart

Single Fiber Bi-directional Transceivers -One Way Video with Two-Way Data System for Sensornet

MT-61	Video/Sensornet Module Transmitter	Multimode	Consult Factory
RT-61	Video/Sensornet Rack Card Transmitter	Multimode	Consult Factory
MR-61	Video/Sensornet Module Receiver	Multimode	Consult Factory
RR-61	Video/Sensornet Rack Card Receiver	Multimode	Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video with Two-Way Data System for Sensornet

MT-62	Two Way Video/Sensornet Module Transmitter	Multimode	Consult Factory
RT-62	Two Way Video/Sensornet Rack Card Transmitter	Multimode	Consult Factory
MR-62	Two Way Video/Sensornet Module Receiver	Multimode	Consult Factory
RR-62	Two Way Video/Sensornet Rack Card Receiver	Multimode	Consult Factory

Single Fiber Bi-directional Transceiver - Two-Way Video

MT-2000	Two Way Video Module Transmitter	Multimode	1,029.00
RT-2000	Two Way Video Rack Card Transmitter	Multimode	1,029.00
MR-2000	Two Way Video Module Receiver	Multimode	1,029.00
RR-2000	Two Way Video Rack Card Receiver	Multimode	1,029.00

Single Fiber Bi-directional Transceivers -Two Way Video with Two-Way RS232

MT-2300	Two Way Video/RS232 Module Transmitter	Multimode	1,150.00
RT-2300	Two Way Video/RS232 Rack Card Transmitter	Multimode	1,150.00
MR-2300	Two Way Video/RS232 Module Receiver	Multimode	1,150.00
RR-2300	Two Way Video/RS232 Rack Card Receiver	Multimode	1,150.00

Single Fiber Bi-directional Transceivers -Two Way Video with Two-Way RS232 - With Additional Bi-directional Signal

MT-23X0	Two Way Video/RS232 Module Transmitter	Multimode	1,250.00
RT-23X0	Two Way Video/RS232 Rack Card Transmitter	Multimode	1,250.00
MR-23X0	Two Way Video/RS232 Module Receiver	Multimode	1,250.00
RR-23X0	Two Way Video/RS232 Rack Card Receiver	Multimode	1,250.00

Single Fiber Bi-directional Transceivers -Two Way Video, Two-Way Audio & Two-Way RS232

MT-2380	Two Way Video/RS232/Audio Module Transmitter	Multimode	1,250.00
RT-2380	Two Way Video/RS232/Audio Rack Card Trans	Multimode	1,250.00
MR-2380	Two Way Video/RS232/Audio Module Receiver	Multimode	1,250.00
RR-2380	Two Way Video/RS232/Audio Rack Card Receiver	Multimode	1,250.00

Single Fiber Bi-directional Transceivers -Two Way Video, Two-Way RS422

MT-2400	Two Way Video/RS422 Module Transmitter	Multimode	1,150.00
RT-2400	Two Way Video/RS422 Rack Card Transmitter	Multimode	1,150.00

MR-2400	Two Way Video/RS422 Module Receiver	Multimode	\$	1,150.00
RR-2400	Two Way Video/RS422 Rack Card Receiver	Multimode		1,150.00

Single Fiber Bi-directional Transceivers -Two Way Video, Two-Way RS422 - With Additional Bi-directional Signal

MT-24X0	Two Way Video/RS422 Module Transmitter	Multimode		1,250.00
RT-24X0	Two Way Video/RS422 Rack Card Transmitter	Multimode		1,250.00
MR-24X0	Two Way Video/RS422 Module Receiver	Multimode		1,250.00
RR-24X0	Two Way Video/RS422 Rack Card Receiver	Multimode		1,250.00

Single Fiber Bi-directional Transceivers for Kalatel Systems - Two Way Video, One-Way Audio & Reverse RS422 Data

MT-2400K	Two Way Video/Kalatel Module Transmitter	Multimode		1,150.00
RT-2400K	Two Way Video/Kalatel Rack Card Transmitter	Multimode		1,150.00
MR-2400K	Two Way Video/Kalatel Module Receiver	Multimode		1,150.00
RR-2400K	Two Way Video/Kalatel Rack Card Receiver	Multimode		1,150.00

Single Fiber Bi-directional Transceivers for Kalatel Systems - Two Way Video, One-Way Audio & Reverse RS422 Data - With Additional Bi-directional Signal

MT-24X0K	Two Way Video/Kalatel Module Transmitter	Multimode		1,250.00
RT-24X0K	Two Way Video/Kalatel Rack Card Transmitter	Multimode		1,250.00
MR-24X0K	Two Way Video/Kalatel Module Receiver	Multimode		1,250.00
RR-24X0K	Two Way Video/Kalatel Rack Card Receiver	Multimode		1,250.00

Single Fiber Bi-directional Transceivers -Two Way Video, Two-Way Audio, & Two-Way RS422

MT-2480	Two Way Video/RS422/Audio Module Transmitter	Multimode		1,250.00
RT-2480	Two Way Video/RS422/Audio Rack Card Trans	Multimode		1,250.00
MR-2480	Two Way Video/RS422/Audio Module Receiver	Multimode		1,250.00
RR-2480	Two Way Video/RS422/Audio Rack Card Receiver	Multimode		1,250.00

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way TTL

MT-2700	Two Way Video/TTL Module Transmitter	Multimode		1,150.00
RT-2700	Two Way Video/TTL Rack Card Transmitter	Multimode		1,150.00
MR-2700	Two WayVideo/TTL Module Receiver	Multimode		1,150.00
RR-2700	Two WayVideo/TTL Rack Card Receiver	Multimode		1,150.00

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way TTL - With Additional Bi-directional Signal

MT-27X0	Two Way Video/TTL Module Transmitter	Multimode		1,250.00
RT-27X0	Two Way Video/TTL Rack Card Transmitter	Multimode		1,250.00
MR-27X0	Two WayVideo/TTL Module Receiver	Multimode		1,250.00
RR-27X0	Two WayVideo/TTL Rack Card Receiver	Multimode		1,250.00

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way, Four Wire Audio

List

MT-2800	Two Way Video/4 Wire Audio Module Transmitter	Multimode	\$	1,150.00
RT-2800	Two Way Video/4 Wire Audio Rack Card Transmitter	Multimode		1,150.00
MR-2800	Two Way Video/4 Wire Audio Module Receiver	Multimode		1,150.00
RR-2800	Two Way Video/4 Wire Audio Rack Card Receiver	Multimode		1,150.00

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way, Four Wire Audio - With Additional Bi-directional Signal

MT-28X0	Two Way Video/4 Wire Audio Module Transmitter	Multimode		1,250.00
RT-28X0	Two Way Video/4 Wire Audio Rack Card Transmitter	Multimode		1,250.00
MR-28X0	Two Way Video/4 Wire Audio Module Receiver	Multimode		1,250.00
RR-28X0	Two Way Video/4 Wire Audio Rack Card Receiver	Multimode		1,250.00

Single Fiber Bi-directional Transceivers -Two Way Video and Two-Way, Two-Wire Audio

MT-2800-2W	Two Way Video/2 Wire Audio Module Transmitter	Multimode		1,150.00
RT-2800-2W	Two Way Video/2 Wire Audio Rack Card Transmitter	Multimode		1,150.00
MR-2800-2W	Two Way Video/2 Wire Audio Module Receiver	Multimode		1,150.00
RR-2800-2W	Two Way Video/2 Wire Audio Rack Card Receiver	Multimode		1,150.00

Single Fiber Bi-directional Transceivers -Two Way Video and Two-Way, Two-Wire Audio - With Additional Bi-directional Signal

MT-28X0-2W	Two Way Video/2 Wire Audio Module Transmitter	Multimode		1,250.00
RT-28X0-2W	Two Way Video/2 Wire Audio Rack Card Transmitter	Multimode		1,250.00
MR-28X0-2W	Two Way Video/2 Wire Audio Module Receiver	Multimode		1,250.00
RR-28X0-2W	Two Way Video/2 Wire Audio Rack Card Receiver	Multimode		1,250.00

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way Contact Closure

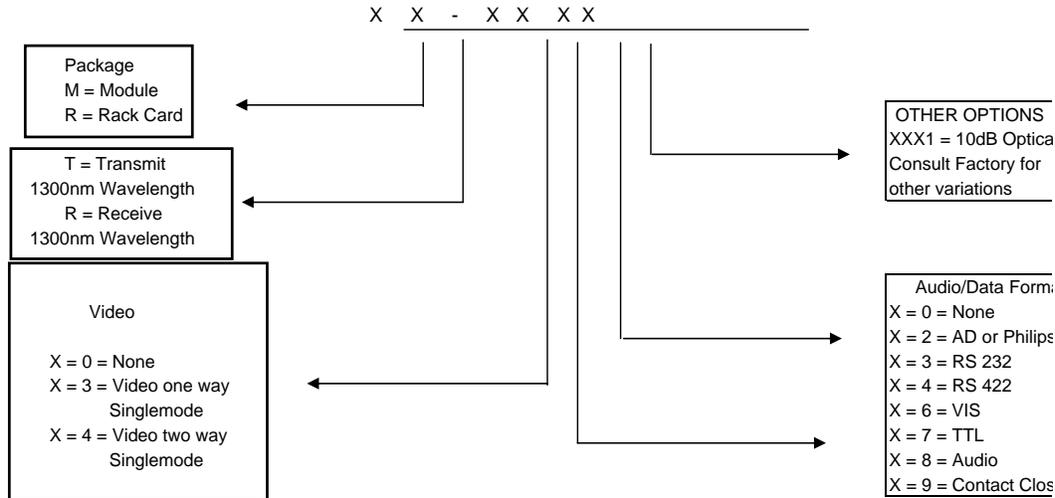
MT-2900	Two Way Video/Contact Closure Module Transmitter	Multimode		1,150.00
RT-2900	Two Way Video/Contact Closure Rack Card Transmitter	Multimode		1,150.00
MR-2900	Two Way Video/Contact Closure Module Receiver	Multimode		1,150.00
RR-2900	Two Way Video/Contact Closure Rack Card Receiver	Multimode		1,150.00

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way Contact Closure - With Additional Bi-directional Signal

MT-29X0	Two Way Video/Contact Closure Module Transmitter	Multimode		1,250.00
RT-29X0	Two Way Video/Contact Closure Rack Card Transmitter	Multimode		1,250.00
MR-29X0	Two Way Video/Contact Closure Module Receiver	Multimode		1,250.00
RR-29X0	Two Way Video/Contact Closure Rack Card Receiver	Multimode		1,250.00

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

Dual Window Bi-Directional Transmission for CCTV Singlemode System



EXAMPLE:
MT-3280 - Module Transceiver Located at camera
 - Transmits Video & Audio
 - Receives Manchester Code & Audio
RR-4390 - Rack mount Transceiver Located at Control Site
 - Transmits Video, RS232 and a Contact Closure
 - Receives Video, RS232 and a Contact Closure

List

M - Series Single Fiber Bi-directional Transceivers

MTM-3200B	Video/Data Module Transmitter	Singlemode	\$	1,390.00
RTM-3200B	Video/Data Rack Card Transmitter	Singlemode		1,390.00
MRM-3200B	Video/Data Module Receiver	Singlemode		1,390.00
RRM-3200B	Video/Data Rack Card Receiver	Singlemode		1,390.00

M - Series Single Fiber Bi-directional Transceivers

MTM-3400	Video/Two Way RS422 Module Transmitter	Singlemode		1,390.00
RTM-3400	Video/Two Way RS422 Rack Card Transmitter	Singlemode		1,390.00
MRM-3400	Video/Two Way RS422 Module Receiver	Singlemode		1,390.00
RRM-3400	Video/Two Way RS422 Rack Card Receiver	Singlemode		1,390.00

M - Series Single Fiber Bi-directional Transceivers

MTM-3485-2	Video/RS485 Module Transmitter - 2 Wire	Singlemode		1,490.00
RTM-3485-2	Video/RS485 Rack Card Transmitter - 2 Wire	Singlemode		1,490.00
MTM-3485-4	Video/RS485 Module Transmitter - 4 Wire	Singlemode		1,490.00
RTM-3485-4	Video/RS485 Rack Card Transmitter - 4 Wire	Singlemode		1,490.00

MRM-3485-2	Video/RS485 Module Receiver - 2 Wire	Singlemode	\$ 1,490.00
RRM-3485-2	Video/RS485 Rack Card Receiver - 2 Wire	Singlemode	1,490.00
MRM-3485-4	Video/RS485 Module Receiver - 4 Wire	Singlemode	1,490.00
RRM-3485-4	Video/RS485 Rack Card Receiver - 4 Wire	Singlemode	1,490.00

M - Series Single Fiber Bi-directional Transceivers

MTM-3600	Video/"Up the Coax" Module Transmitter	Singlemode	1,390.00
RTM-3600	Video/"Up the Coax" Rack Card Transmitter	Singlemode	1,390.00
MRM-3600	Video/"Up the Coax" Module Receiver	Singlemode	1,390.00
RRM-3600	Video/"Up the Coax" Rack Card Receiver	Singlemode	1,390.00

Single Fiber Bi-directional Transceivers - One Way Video with Return AD or Philips Code

(System Requires a Minimum Attenuation of 5dB)

MT-3200B	Video/Data Module Transmitter	Singlemode	1,890.00
RT-3200B	Video/Data Rack Card Transmitter	Singlemode	1,890.00
MR-3200B	Video/Data Module Receiver	Singlemode	1,890.00
RR-3200B	Video/Data Rack Card Receiver	Singlemode	1,890.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video with Return AD or Philips Code -

With Additional Bi-directional Signal

(System Requires a Minimum Attenuation of 5dB)

MT-32X0B	Video/Data Module Transmitter	Singlemode	2,190.00
RT-32X0B	Video/Data Rack Card Transmitter	Singlemode	2,190.00
MR-32X0B	Video/Data Module Receiver	Singlemode	2,190.00
RR-32X0B	Video/Data Rack Card Receiver	Singlemode	2,190.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video & Two Way RS232

(System Requires a Minimum Attenuation of 5dB)

MT-3300	Video/Two Way RS232 Module Transmitter	Singlemode	1,890.00
RT-3300	Video/Two Way RS232 Rack Card Transmitter	Singlemode	1,890.00
MR-3300	Video/Two Way RS232 Module Receiver	Singlemode	1,890.00
RR-3300	Video/Two Way RS232 Rack Card Receiver	Singlemode	1,890.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video & Two Way RS232 -

With Additional Bi-directional Signal

(System Requires a Minimum Attenuation of 5dB)

MT-33X0	Video/Two Way RS232 Module Transmitter	Singlemode	2,190.00
RT-33X0	Video/Two Way RS232 Rack Card Transmitter	Singlemode	2,190.00

List

MR-33X0	Video/Two Way RS232 Module Receiver	Singlemode	\$ 2,190.00
RR-33X0	Video/Two Way RS232 Rack Card Receiver	Singlemode	2,190.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video & Two Way RS422

(System Requires a Minimum Attenuation of 5dB)

MT-3400	Video/Two Way RS422 Module Transmitter	Singlemode	1,890.00
RT-3400	Video/Two Way RS422 Rack Card Transmitter	Singlemode	1,890.00

MR-3400	Video/Two Way RS422 Module Receiver	Singlemode	1,890.00
RR-3400	Video/Two Way RS422 Rack Card Receiver	Singlemode	1,890.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video & Two Way RS422 -

With Additional Bi-directional Signal

(System Requires a Minimum Attenuation of 5dB)

MT-34X0	Video/Two Way RS422 Module Transmitter	Singlemode	2,190.00
RT-34X0	Video/Two Way RS422 Rack Card Transmitter	Singlemode	2,190.00

MR-34X0	Video/Two Way RS422 Module Receiver	Singlemode	2,190.00
RR-34X0	Video/Two Way RS422 Rack Card Receiver	Singlemode	2,190.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers for Kalatel Systems - One Way Audio & Video with

Reverse RS422

(System Requires a Minimum Attenuation of 5dB)

MT-3400K	Video/Kalatel Module Transmitter	Singlemode	1,890.00
RT-3400K	Video/Kalatel Rack Card Transmitter	Singlemode	1,890.00

MR-3400K	Video/Kalatel Module Receiver	Singlemode	1,890.00
RR-3400K	Video/Kalatel Rack Card Receiver	Singlemode	1,890.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers for Kalatel Systems - One Way Audio & Video

with Reverse RS422 - With Additional Bi-directional Signal

(System Requires a Minimum Attenuation of 5dB)

MT-34X0K	Video/Kalatel Module Transmitter	Singlemode	2,190.00
RT-34X0K	Video/Kalatel Rack Card Transmitter	Singlemode	2,190.00

MR-34X0K	Video/Kalatel Module Receiver	Singlemode	2,190.00
RR-34X0K	Video/Kalatel Rack Card Receiver	Singlemode	2,190.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video with Two-Way RS485

List

(System Requires a Minimum Attenuation of 5dB)

MT-3485-2	Video/RS485 Module Transmitter - 2 Wire	Singlemode	\$ 2,190.00
RT-3485-2	Video/RS485 Rack Card Transmitter - 2 Wire	Singlemode	2,190.00
MT-3485-4	Video/RS485 Module Transmitter - 4 Wire	Singlemode	2,190.00
RT-3485-4	Video/RS485 Rack Card Transmitter - 4 Wire	Singlemode	2,190.00
MR-3485-2	Video/RS485 Module Receiver - 2 Wire	Singlemode	2,190.00
RR-3485-2	Video/RS485 Rack Card Receiver - 2 Wire	Singlemode	2,190.00
MR-3485-4	Video/RS485 Module Receiver - 4 Wire	Singlemode	2,190.00
RR-3485-4	Video/RS485 Rack Card Receiver - 4 Wire	Singlemode	2,190.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video with Reverse

"Up the Coax" Camera and PTZ Control

(System Requires a Minimum Attenuation of 5dB)

MT-3600	Video/"Up the Coax" Module Transmitter	Singlemode	1,890.00
RT-3600	Video/"Up the Coax" Rack Card Transmitter	Singlemode	1,890.00
MR-3600	Video/"Up the Coax" Module Receiver	Singlemode	1,890.00
RR-3600	Video/"Up the Coax" Rack Card Receiver	Singlemode	1,890.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers - One Way Video with Reverse - "Up the Coax"

Camera and PTZ Control - With Additional Bi-directional Signal

(System Requires a Minimum Attenuation of 5dB)

MT-36X0	Video/"Up the Coax" Module Transmitter	Singlemode	2,190.00
RT-36X0	Video/"Up the Coax" Rack Card Transmitter	Singlemode	2,190.00
MR-36X0	Video/"Up the Coax" Module Receiver	Singlemode	2,190.00
RR-36X0	Video/"Up the Coax" Rack Card Receiver	Singlemode	2,190.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video with Reverse Panasonic

Proteus Camera and PTZ Control

(System Requires a Minimum Attenuation of 5dB)

MT-3600P	Video/Panasonic Proteus Module Transmitter	Singlemode	1,890.00
RT-3600P	Video/Panasonic Proteus Rack Card Transmitter	Singlemode	1,890.00
MR-3600P	Video/Panasonic Proteus Module Receiver	Singlemode	1,890.00
RR-3600P	Video/Panasonic Proteus Rack Card Receiver	Singlemode	1,890.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way TTL

(System Requires a Minimum Attenuation of 5dB)

List

MT-3700	Video/TTL Module Transmitter	Singlemode	\$ 1,890.00
RT-3700	Video/TTL Rack Card Transmitter	Singlemode	1,890.00
MR-3700	Video/TTL Module Receiver	Singlemode	1,890.00
RR-3700	Video/TTL Rack Card Receiver	Singlemode	1,890.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way TTL - With Additional Bi-directional Signal

(System Requires a Minimum Attenuation of 5dB)

MT-37X0	Video/TTL Module Transmitter	Singlemode	2,190.00
RT-37X0	Video/TTL Rack Card Transmitter	Singlemode	2,190.00
MR-37X0	Video/TTL Module Receiver	Singlemode	2,190.00
RR-37X0	Video/TTL Rack Card Receiver	Singlemode	2,190.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way, Four Wire Audio

(System Requires a Minimum Attenuation of 5dB)

MT-3800	Video/4 Wire Audio Module Transmitter	Singlemode	1,890.00
RT-3800	Video/4 Wire Audio Rack Card Transmitter	Singlemode	1,890.00
MR-3800	Video/4 Wire Audio Module Receiver	Singlemode	1,890.00
RR-3800	Video/4 Wire Audio Rack Card Receiver	Singlemode	1,890.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way, Four Wire Audio - With Additional Bi-directional Signal

(System Requires a Minimum Attenuation of 5dB)

MT-38X0	Video/4 Wire Audio Module Transmitter	Singlemode	2,190.00
RT-38X0	Video/4 Wire Audio Rack Card Transmitter	Singlemode	2,190.00
MR-38X0	Video/4 Wire Audio Module Receiver	Singlemode	2,190.00
RR-38X0	Video/4 Wire Audio Rack Card Receiver	Singlemode	2,190.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way Contact Closure

(System Requires a Minimum Attenuation of 5dB)

MT-3900	Video/Contact Closure Module Transmitter	Singlemode	1,890.00
RT-3900	Video/Contact Closure Rack Card Transmitter	Singlemode	1,890.00
MR-3900	Video/Contact Closure Module Receiver	Singlemode	1,890.00
RR-3900	Video/Contact Closure Rack Card Receiver	Singlemode	1,890.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -One Way Video & Two-Way

List

Contact Closure With Additional Bi-directional Signal

(System Requires a Minimum Attenuation of 5dB)

MT-39X0	Video/Contact Closure Module Transmitter	Singlemode	\$ 2,190.00
RT-39X0	Video/Contact Closure Rack Card Transmitter	Singlemode	2,190.00
MR-39X0	Video/Contact Closure Module Receiver	Singlemode	2,190.00
RR-39X0	Video/Contact Closure Rack Card Receiver	Singlemode	2,190.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceiver -Two Way Video

(System Requires a Minimum Attenuation of 5dB)

MT-4000	Two Way Video Module Transmitter	Singlemode	2,190.00
RT-4000	Two Way Video Rack Card Transmitter	Singlemode	2,190.00
MR-4000	Two Way Video Module Receiver	Singlemode	2,190.00
RR-4000	Two Way Video Rack Card Receiver	Singlemode	2,190.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video with Two-Way RS232

(System Requires a Minimum Attenuation of 5dB)

MT-4300	Two Way Video/RS232 Module Transmitter	Singlemode	2,540.00
RT-4300	Two Way Video/RS232 Rack Card Transmitter	Singlemode	2,540.00
MR-4300	Two Way Video/RS232 Module Receiver	Singlemode	2,540.00
RR-4300	Two Way Video/RS232 Rack Card Receiver	Singlemode	2,540.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video with Two-Way RS232

With Additional Bi-directional Signal

(System Requires a Minimum Attenuation of 5dB)

MT-43X0	Two Way Video/RS232 Module Transmitter	Singlemode	2,690.00
RT-43X0	Two Way Video/RS232 Rack Card Transmitter	Singlemode	2,690.00
MR-43X0	Two Way Video/RS232 Module Receiver	Singlemode	2,690.00
RR-43X0	Two Way Video/RS232 Rack Card Receiver	Singlemode	2,690.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video, Two-Way Audio & Two-Way RS232

(System Requires a Minimum Attenuation of 5dB)

MT-4380	Two Way Video/RS232/Audio Module Transmitter	Singlemode	2,690.00
RT-4380	Two Way Video/RS232/Audio Rack Card Transmitter	Singlemode	2,690.00
MR-4380	Two Way Video/RS232/Audio Module Receiver	Singlemode	2,690.00
RR-4380	Two Way Video/RS232/Audio Rack Card Receiver	Singlemode	2,690.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video, Two-Way RS422

(System Requires a Minimum Attenuation of 5dB)

			<u>List</u>
MT-4400	Two Way Video/RS422 Module Transmitter	Singlemode	\$ 2,540.00
RT-4400	Two Way Video/RS422 Rack Card Transmitter	Singlemode	2,540.00
MR-4400	Two Way Video/RS422 Module Receiver	Singlemode	2,540.00
RR-4400	Two Way Video/RS422 Rack Card Receiver	Singlemode	2,540.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video, Two-Way RS422

With Additional Bi-directional Signal

(System Requires a Minimum Attenuation of 5dB)

MT-44X0	Two Way Video/RS422 Module Transmitter	Singlemode	2,690.00
RT-44X0	Two Way Video/RS422 Rack Card Transmitter	Singlemode	2,690.00
MR-44X0	Two Way Video/RS422 Module Receiver	Singlemode	2,690.00
RR-44X0	Two Way Video/RS422 Rack Card Receiver	Singlemode	2,690.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers for Kalatel Systems - Two Way Video,

One-Way Audio & Reverse RS422 Data

(System Requires a Minimum Attenuation of 5dB)

MT-4400K	Two Way Video/Kalatel Module Transmitter	Singlemode	2,540.00
RT-4400K	Two Way Video/Kalatel Rack Card Transmitter	Singlemode	2,540.00
MR-4400K	Two Way Video/Kalatel Module Receiver	Singlemode	2,540.00
RR-4400K	Two Way Video/Kalatel Rack Card Receiver	Singlemode	2,540.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers for Kalatel Systems - Two Way Video, One-Way Audio

& Reverse RS422 Data - With Additional Bi-directional Systems

(System Requires a Minimum Attenuation of 5dB)

MT-44X0K	Two Way Video/Kalatel Module Transmitter	Singlemode	2,690.00
RT-44X0K	Two Way Video/Kalatel Rack Card Transmitter	Singlemode	2,690.00
MR-44X0K	Two Way Video/Kalatel Module Receiver	Singlemode	2,690.00
RR-44X0K	Two Way Video/Kalatel Rack Card Receiver	Singlemode	2,690.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video, Two-Way RS-422 & Four Wire Audio

(System Requires a Minimum Attenuation of 5dB)

MT-4480	Two Way Video/RS422/Audio Module Transmitter	Singlemode	2,690.00
RT-4480	Two Way Video/RS422/Audio Rack Card Transmitter	Singlemode	2,690.00
MR-4480	Two Way Video/RS422/Audio Module Receiver	Singlemode	2,690.00
RR-4480	Two Way Video/RS422/Audio Rack Card Receiver	Singlemode	2,690.00

Systems requiring no attenuation available

Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way TTL
(System Requires a Minimum Attenuation of 5dB)

List

MT-4700	Two Way Video/TTL Module Transmitter	Singlemode	\$ 2,540.00
RT-4700	Two Way Video/TTL Rack Card Transmitter	Singlemode	2,540.00
MR-4700	Two WayVideo/TTL Module Receiver	Singlemode	2,540.00
RR-4700	Two WayVideo/TTL Rack Card Receiver	Singlemode	2,540.00

Systems requiring no attenuation available Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way TTL
With Additional Bi-directional Signal
(System Requires a Minimum Attenuation of 5dB)

MT-47X0	Two Way Video/TTL Module Transmitter	Singlemode	2,690.00
RT-47X0	Two Way Video/TTL Rack Card Transmitter	Singlemode	2,690.00
MR-47X0	Two WayVideo/TTL Module Receiver	Singlemode	2,690.00
RR-47X0	Two WayVideo/TTL Rack Card Receiver	Singlemode	2,690.00

Systems requiring no attenuation available Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way, Four Wire Audio
(System Requires a Minimum Attenuation of 5dB)

MT-4800	Two Way Video/4 Wire Audio Module Transmitter	Singlemode	2,540.00
RT-4800	Two Way Video/4 Wire Audio Rack Card Transmitter	Singlemode	2,540.00
MR-4800	Two Way Video/4 Wire Audio Module Receiver	Singlemode	2,540.00
RR-4800	Two Way Video/4 Wire Audio Rack Card Receiver	Singlemode	2,540.00

Systems requiring no attenuation available Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way, Four Wire
Audio With Additional Bi-directional Signal
(System Requires a Minimum Attenuation of 5dB)

MT-48X0	Two Way Video/4 Wire Audio Module Transmitter	Singlemode	2,690.00
RT-48X0	Two Way Video/4 Wire Audio Rack Card Transmitter	Singlemode	2,690.00
MR-48X0	Two Way Video/4 Wire Audio Module Receiver	Singlemode	2,690.00
RR-48X0	Two Way Video/4 Wire Audio Rack Card Receiver	Singlemode	2,690.00

Systems requiring no attenuation available Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way Contact Closure
(System Requires a Minimum Attenuation of 5dB)

MT-4900	Two Way Video/Contact Closure Module Transmitter	Singlemode	2,540.00
RT-4900	Two Way Video/Contact Closure Rack Card Transmitter	Singlemode	2,540.00
MR-4900	Two Way Video/Contact Closure Module Receiver	Singlemode	2,540.00
RR-4900	Two Way Video/Contact Closure Rack Card Receiver	Singlemode	2,540.00

Systems requiring no attenuation available Consult Factory

Single Fiber Bi-directional Transceivers -Two Way Video & Two-Way Contact Closure With Additional Bi-directional Signal

(System Requires a Minimum Attenuation of 5dB)

List

MT-49X0	Two Way Video/Contact Closure Module Transmitter	Singlemode	\$	2,690.00
RT-49X0	Two Way Video/Contact Closure Rack Card Transmitter	Singlemode		2,690.00
MR-49X0	Two Way Video/Contact Closure Module Receiver	Singlemode		2,690.00
RR-49X0	Two Way Video/Contact Closure Rack Card Receiver	Singlemode		2,690.00

Systems requiring no attenuation available

Consult Factory

Please refer to page 45 for the module power supply selection chart

MULTI-CHANNEL SYSTEMS

Extending the use of fiber optic cable bandwidth, American Fibertek offers a complete line of low-cost two-channel, four channel, six channel, eight channel, sixteen channel and thirty-two channel video systems. These systems are designed for multimode, extended distance multimode and singlemode applications. Completely compatible with the 500 series modulators, it is possible to transmit up to twenty-four signals on one multimode or singlemode optical fiber at a very competitive cost. Additionally, American Fibertek offers a system capable of 32 channels single wavelength, 64 channels dual wavelength and up to 160 channels using Dense Wave Division Multiplexers.

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.

			List
<u>Single Fiber Two-Channel Video 850nm System</u>			
MT-200-8	Two Channel Video Module Transmitter	Multimode	\$ 824.00
RT-200-8	Two Channel Video Rack Card Transmitter	Multimode	824.00
MR-200-8	Two Channel Video Module Receiver	Multimode	824.00
RR-200-8	Two Channel Video Rack Card Receiver	Multimode	824.00
<u>Single Fiber Two-Channel FM Video 1300nm System</u>			
MT-220	Two Channel FM Video Module Transmitter	Multimode	1,060.00
RT-220	Two Channel FM Video Rack Card Transmitter	Multimode	1,060.00
MR-220	Two Channel FM Video Module Receiver	Multimode	1,060.00
RR-220	Two Channel FM Video Rack Card Receiver	Multimode	1,060.00
<u>Single Fiber Four-Channel Video System - (For System Loss of 12dB Or distance of 2.2km)</u>			
MT-400	Four Channel Video Module Transmitter	Multimode	1,750.00
RT-400	Four Channel Video Rack Card Transmitter	Multimode	1,750.00
MR-400	Four Channel Video Module Receiver	Multimode	1,750.00
RR-400	Four Channel Video Rack Card Receiver	Multimode	1,750.00
<u>Single Fiber Four-Channel FM Video System - (For System Loss Up To 6dB Or Distance Of 2.5km)</u>			
MT-404	Four Channel FM Video Module Transmitter	Multimode	1,350.00
RT-404	Four Channel FM Video Rack Card Transmitter	Multimode	1,350.00
MR-404	Four Channel FM Video Module Receiver	Multimode	1,350.00
RR-404	Four Channel FM Video Rack Card Receiver	Multimode	1,350.00
<u>Single Fiber Four-Channel FM Video System - (For System Loss Of 12dB Or Distance Of 5.0km)</u>			
MT-440	Four Channel FM Video Module Transmitter	Multimode	1,600.00
RT-440	Four Channel FM Video Rack Card Transmitter	Multimode	1,600.00
MR-440	Four Channel FM Video Module Receiver	Multimode	1,600.00
RR-440	Four Channel FM Video Rack Card Receiver	Multimode	1,600.00
<u>Single Fiber Four-Channel FM Video System - (For System Loss Of 16dB Or Distance Of 8.0km)</u>			
MT-440E	Four Channel FM Video Module Transmitter	Multimode	1,850.00
RT-440E	Four Channel FM Video Rack Card Transmitter	Multimode	1,850.00
MR-440E	Four Channel FM Video Module Receiver	Multimode	1,850.00
RR-440E	Four Channel FM Video Rack Card Receiver	Multimode	1,850.00

Single Fiber Six-Channel Video SystemList

MRT-600	Six Channel Video Module/Rack Card Transmitter	Multimode	\$	2,680.00
MRR-600	Six Channel Video Module/Rack Card Receiver	Multimode		2,680.00

Single Fiber Six-Channel FM Video System

MRT-860	Six Channel FM Video Module/Rack Card Transmitter	Multimode		3,380.00
MRR-860	Six Channel FM Video Module/Rack Card Receiver	Multimode		3,380.00

Single Fiber Eight-Channel Video System

MRT-880	Eight Channel Video Module/Rack Card Transmitter	Multimode		3,960.00
MRR-880	Eight Channel Video Module/Rack Card Receiver	Multimode		3,960.00

Single Fiber Two-Channel FM Video System- 1300 nm Laser

MT-220SL	Two Channel FM Video Module Transmitter	Singlemode		1,490.00
RT-220SL	Two Channel FM Video Rack Card Transmitter	Singlemode		1,490.00
MR-220SL	Two Channel FM Video Module Receiver	Singlemode		1,490.00
RR-220SL	Two Channel FM Video Rack Card Receiver	Singlemode		1,490.00

Single Fiber Four-Channel FM Video System - Laser

MT-440SL	Four Channel FM Video Module Transmitter	Singlemode		2,200.00
RT-440SL	Four Channel FM Video Rack Card Transmitter	Singlemode		2,200.00
MR-440SL	Four Channel FM Video Module Receiver	Singlemode		2,200.00
RR-440SL	Four Channel FM Video Rack Card Receiver	Singlemode		2,200.00

Single Fiber Four-Channel Video System - Laser (5dB min attenuation required)

MT-400SL	Four Channel Video Module Transmitter	Singlemode		2,720.00
RT-400SL	Four Channel Video Rack Card Transmitter	Singlemode		2,720.00
MR-400SL	Four Channel Video Module Receiver	Singlemode		2,720.00
RR-400SL	Four Channel Video Rack Card Receiver	Singlemode		2,720.00

Single Fiber Four-Channel Video System - Laser (No min attenuation required)

MT-401SL	Four Channel Video Module Transmitter	Singlemode		2,720.00
RT-401SL	Four Channel Video Rack Card Transmitter	Singlemode		2,720.00
MR-401SL	Four Channel Video Module Receiver	Singlemode		2,720.00
RR-401SL	Four Channel Video Rack Card Receiver	Singlemode		2,720.00

Single Fiber Six-Channel FM Video System - Laser (5dB min attenuation)

MRT-860SL	Six Channel FM Video Module/Rack Card Transmitter	Singlemode		3,990.00
MRR-860SL	Six Channel FM Video Module/Rack Card Receiver	Singlemode		3,990.00

Single Fiber Eight-Channel Video System - Laser

			<u>List</u>
MRT-880SL	Eight Channel Video Module/Rack Card Transmitter	Singlemode	\$ 4,990.00
MRR-880SL	Eight Channel Video Module/Rack Card Receiver	Singlemode	4,990.00

Single Fiber Sixteen-Channel Video System - Laser

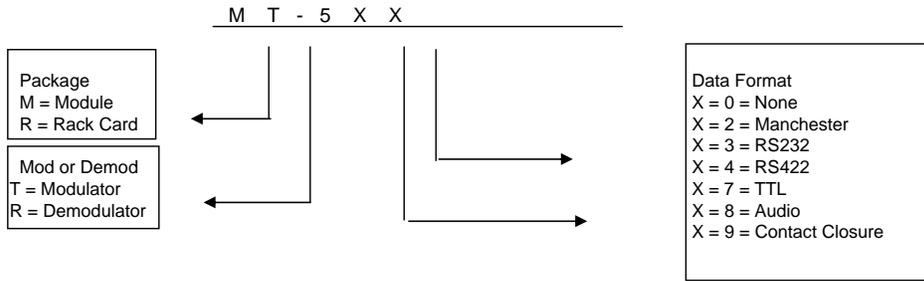
RT-16000SL	FM Video Module/Rack Card Transmitter	Singlemode	11,990.00
RR-16000SL	FM Video Module/Rack Card Receiver	Singlemode	11,990.00

Single Fiber Thirty Two-Channel Video System - Laser

RT-32000SL	FM Video Module/Rack Card Transmitter	Singlemode	26,990.00
RR-32000SL	FM Video Module/Rack Card Receiver	Singlemode	26,990.00

Please refer to page 45 for the module power supply selection chart

500 Series Audio, Data or Contact Closure- Modulators and Demodulators



List

Modulator/Demodulator for Coax or Fiber System with One Sub-Carrier

MT-50X	Modulator Module	\$ 360.00
RT-50X	Modulator Rack Card	360.00
MR-50X	Demodulator Module	360.00
RR-50X	Demodulator Rack Card	360.00

Modulator/Demodulator for Coax or Fiber System with Two Sub-Carriers

MT-5XX	Modulator Module	396.00
RT-5XX	Modulator Rack Card	396.00
MR-5XX	Demodulator Module	396.00
RR-5XX	Demodulator Rack Card	396.00

Baseband Video Duplexer

MX-506	Module Transceiver	360.00
RX-506	Rack Card Transceiver	360.00

Single Fiber 32 or 64 Channel Video System (AFWS-3000 Series)

-Optical Transmitters

AFWS TA/-7	1310 nm FP laser, 20 chs, -7 dBm	2,375.00
AFWS TA/0	1310 nm FP laser, 20 chs, 0 dBm	3,855.00
AFWS TB	1550 nm DFB laser, 32 chs, 0 dBm	7,730.00
AFWS TE/3	1310 nm DFB laser, 32 chs, 3 dBm	8,295.00
AFWS TE/12	1310 nm DFB laser, 32 chs, 12 dBm	16,135.00

-Optical Receivers

AFWS RA	1300/1550 nm PIN, 20 chs, -22 dBm	2,375.00
AFWS RB	1300/1550 nm APD, 32 chs, -28 dBm	5,130.00
AFWS RE	1300/1550 nm PIN, 32 chs, -22 dBm	3,295.00

-Modulators/Demodulators

VFM 3000	Video FM Modulator	1,275.00
VFD 3000	Video FM Demodulator	1,275.00

-RF Combiners/Splitters

HFC A	12:1, 19"/1 HE Cabinet	895.00
HFC B	2:1, 7 TE Module	395.00
HFC C	(8+1):1, 19"/1 HE Cabinet	895.00
HFC D	8:1, 14 TE Module	275.00
HFU	32 chs Up-Converter Module	3,075.00
HFD	32 chs Down-Converter Module	3,075.00

-Accessories

List

CSM	Coaxial Switch Module	\$	795.00
AMP	Broadband Amplifier		1,340.00
TMI 422	RS-232/RS-422 Converter for Management Sys		445.00
SP12-SM13	Optical Splitter/Coupler		495.00
BF 07	Blank Front Panel		25.00

-Power Supply Cabinets

MC 10/EB	Dual Power Supply, 10 Slots RS-485 Interface		4,480.00
MC 11/(EB)	19"3 HE, 11 Slots (RS-485 Interface)		3,050.00
MC 11 DC/EB	DC Power Supply, 11 Slots, RS-485 Interface		3,050.00
MC 11	19"3 HE, 11 Slots		1,995.00

Single Fiber 8 to 20 Channel Video Systems - 1300nm Singlemode

AFMUX-8TX	8 Channel Tx		14,860.00
AFMUX-8RX	8 Channel Rx		14,860.00
AFMUX-10TX	10 Channel Tx		18,040.00
AFMUX-10RX	10 Channel Rx		18,040.00
AFMUX-12TX	12 Channel Tx		22,590.00
AFMUX-12RX	12 Channel Rx		22,590.00
AFMUX-20TX	20 Channel Tx		33,700.00
AFMUX-20RX	20 Channel Rx		33,700.00

MULTICHANNEL BI-DIRECTIONAL SYSTEMS

Combining the features of two of our most successful product families, the Multichannel Bi-directional series include video systems that allow two or three channels of video to be simultaneously transmitted two-ways on one optical fiber.

These systems also provide multichannel video transmission (up to 8) with reverse data or two-way data. Engineered using our proven two, four, six and eight channel technology, these systems will minimize the amount of fiber required and meet the most demanding specifications.

These systems are also fully compatible with our 500 Series modulator and demodulator products. Custom configurations are available. Please consult the factory for additional information. As with all our products, systems can be ordered for singlemode or multimode fiber applications.

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.

Single Fiber Bi-directional Transceivers - 2-Two-Way Video Channels

				<u>List</u>
MX-200A	Dual Video Transceiver Module	Multimode	\$	1,990.00
MX-200B	Dual Video Transceiver Module	Multimode		1,990.00
RX-200A	Dual Video Transceiver Rack Card	Multimode		1,990.00
RX-200B	Dual Video Transceiver Rack Card	Multimode		1,990.00

Single Fiber Bi-directional Transceivers - 3-Two-Way Video Channels

MRX-300A	Three Channel Video Transceiver	Multimode		3,330.00
MRX-300B	Three Channel Video Transceiver	Multimode		3,330.00

Single Fiber Bi-directional Transceivers - 4-Two-Way Video Channels

MRX-440A	Four Channel Video Transceiver	Multimode		4,800.00
MRX-440B	Four Channel Video Transceiver	Multimode		4,800.00

Single Fiber Bi-directional Transceivers - 2-Two-Way Video Channels(5dB Min Attenuation Required)

MX-200ASL	Dual Video Transceiver Module - Laser	Singlemode		3,790.00
MX-200BSL	Dual Video Transceiver Module - Laser	Singlemode		3,790.00
RX-200ASL	Dual Video Transceiver Rack Card - Laser	Singlemode		3,790.00
RX-200BSL	Dual Video Transceiver Rack Card - Laser	Singlemode		3,790.00

Systems requiring no attenuation required available

Consult Factory

Single Fiber Bi-directional Transceivers - 4-Two-Way Video Channels

MRX-440ASL	Four Channel Video Transceiver	Singlemode		6,000.00
MRX-440BSL	Four Channel Video Transceiver	Singlemode		6,000.00

Single Fiber Three Channel Video System with Return Channel AD or Philips Code

MRT-6302	Video Transmitter/Data Receiver	Multimode		2,500.00
MRR-6302	Video Receiver/Data Transmitter	Multimode		2,500.00

Single Fiber Three Channel Video System with Return Channel RS232 or Bi-directional RS232

MRT-6303	Video Transmitter/RS232 Receiver	Multimode		2,500.00
MTX-6303	Video Transmitter/RS232 Transceiver	Multimode		2,700.00
MRR-6303	Video Receiver/RS232 Transmitter	Multimode		2,500.00
MRX-6303	Video Receiver/RS232 Transceiver	Multimode		2,700.00

Single Fiber Three Channel Video System with Return Channel RS422 or Bi-directional RS422

MRT-6304	Video Transmitter/RS422 Receiver	Multimode		2,500.00
MTX-6304	Video Transmitter/RS422 Transceiver	Multimode		2,700.00
MRR-6304	Video Receiver/RS422 Transmitter	Multimode		2,500.00
MRX-6304	Video Receiver/RS422 Transceiver	Multimode		2,700.00

<u>Single Fiber Two Channel Video System with Return Channel AD or Philips Code</u>			<u>List</u>
MRT-8202	Video Transmitter/DataReceiver	Multimode	Consult Factory
MRR-8202	Video Receiver/Data Transmitter	Multimode	Consult Factory
<u>Single Fiber Four Channel Video System with Return Channel AD or Philips Code</u>			
MRT-8402	Video Transmitter/DataReceiver	Multimode	\$ 2,890.00
MRR-8402	Video Receiver/Data Transmitter	Multimode	2,890.00
<u>Single Fiber Six Channel Video System with Return Channel AD or Philips Code</u>			
MRT-8602	Video Transmitter/DataReceiver	Multimode	4,600.00
MRR-8602	Video Receiver/Data Transmitter	Multimode	4,600.00
<u>Single Fiber Eight Channel Video System with Return Channel AD or Philips Code</u>			
MRT-8802	Video Transmitter/Data Receiver	Multimode	5,000.00
MRR-8802	Video Receiver/Data Transmitter	Multimode	5,000.00
<u>Single Fiber Two Channel Video System with Bi-directional Sensornet</u>			
MTX-8210	Video Transmitter/Sensornet Receiver	Multimode	Consult Factory
MRX-8210	Video Receiver/Sensornet Transmitter	Multimode	Consult Factory
<u>Single Fiber Four Channel Video System with Bi-directional Sensornet</u>			
MTX-8410	Video Transmitter/Sensornet Receiver	Multimode	3,090.00
MRX-8410	Video Receiver/Sensornet Transmitter	Multimode	3,090.00
<u>Single Fiber Six Channel Video System with Bi-directional Sensornet</u>			
MTX-8610	Video Transmitter/Sensornet Receiver	Multimode	4,800.00
MRX-8610	Video Receiver/Sensornet Transmitter	Multimode	4,800.00
<u>Single Fiber Eight Channel Video System with Bi-directional Sensornet</u>			
MTX-8810	Video Transmitter/Sensornet Receiver	Multimode	5,200.00
MRX-8810	Video Receiver/Sensornet Transmitter	Multimode	5,200.00
<u>Single Fiber Two Channel Video System with Bi-directional RS232 and Return AD/Bosch Code</u>			
MTX-8223	Video Transmitter/Selecta-Code Transceiver	Multimode	Consult Factory
MRX-8223	Video Receiver/Selecta-Code Transceiver	Multimode	Consult Factory
<u>Single Fiber Four Channel Video System with Bi-directional RS232 and Return AD/Bosch Code</u>			
MTX-8423	Video Transmitter/Selecta-Code Transceiver	Multimode	3,090.00
MRX-8423	Video Receiver/Selecta-Code Transceiver	Multimode	3,090.00
<u>Single Fiber Six Channel Video System with Bi-directional RS232 and Return AD/Bosch Code</u>			
MTX-8623	Video Transmitter/Selecta-Code Transceiver	Multimode	4,800.00
MRX-8623	Video Receiver/Selecta-Code Transceiver	Multimode	4,800.00
<u>Single Fiber Eight Channel Video System with Bi-directional RS232 and Return AD/Bosch Code</u>			
MTX-8823	Video Transmitter/Selecta-Code Transceiver	Multimode	5,200.00
MRX-8823	Video Receiver/Selecta-Code Transceiver	Multimode	5,200.00

Single Fiber Two Channel Video System with Bi-directional Contact Closure and Return AD/Bosch Code

MTX-8229	Video Transmitter/Selecta-Code Transceiver	Multimode	Consult Factory
MRX-8229	Video Receiver/Selecta-Code Transceiver	Multimode	Consult Factory

Single Fiber Four Channel Video System with Bi-directional Contact Closure and Return AD/Bosch Code

MTX-8429	Video Transmitter/Selecta-Code Transceiver	Multimode	\$ 3,090.00
MRX-8429	Video Receiver/Selecta-Code Transceiver	Multimode	3,090.00

Single Fiber Six Channel Video System with Bi-directional Contact Closure and Return AD/Bosch Code

MTX-8629	Video Transmitter/Selecta-Code Transceiver	Multimode	4,800.00
MRX-8629	Video Receiver/Selecta-Code Transceiver	Multimode	4,800.00

Single Fiber Eight Channel Video System with Bi-directional Contact Closure and Return AD/Bosch Code

MTX-8829	Video Transmitter/Selecta-Code Transceiver	Multimode	5,200.00
MRX-8829	Video Receiver/Selecta-Code Transceiver	Multimode	5,200.00

Single Fiber Two Channel Video System with Bi-directional RS485; or Bi-directional RS232 and Bi-directional RS422

MTX-8285	Video Transmitter/RS232 Transceiver	Multimode	Consult Factory
MRX-8285	Video Receiver/RS232 Transceiver	Multimode	Consult Factory

Single Fiber Four Channel Video System with Bi-directional RS485; or Bi-directional RS232 and Bi-directional RS422

MTX-8485	Video Transmitter/RS232 Transceiver	Multimode	3,090.00
MRX-8485	Video Receiver/RS232 Transceiver	Multimode	3,090.00

Single Fiber Six Channel Video System with Bi-directional RS485; or Bi-directional RS232 and Bi-directional RS422

MTX-8685	Video Transmitter/RS232 Transceiver	Multimode	4,800.00
MRX-8685	Video Receiver/RS232 Transceiver	Multimode	4,800.00

Single Fiber Eight Channel Video System with Bi-directional RS485; or Bi-directional RS232 and Bi-directional RS422

MTX-8885	Video Transmitter/RS232 Transceiver	Multimode	5,200.00
MRX-8885	Video Receiver/RS232 Transceiver	Multimode	5,200.00

Single Fiber Two Channel Video System with Bi-directional RS485; or Bi-directional RS422 and Bi-directional Contact Closure

MTX-8289	Video Transmitter/Selecta-Code Transceiver	Multimode	Consult Factory
MRX-8289	Video Receiver/Selecta-Code Transceiver	Multimode	Consult Factory

Single Fiber Four Channel Video System with Bi-directional RS485; or Bi-directional RS422 and Bi-directional Contact Closure

MTX-8489	Video Transmitter/Selecta-Code Transceiver	Multimode	3,090.00
MRX-8489	Video Receiver/Selecta-Code Transceiver	Multimode	3,090.00

Single Fiber Six Channel Video System with Bi-directional RS485; or Bi-directional RS422 and Bi-directional Contact Closure

MTX-8689	Video Transmitter/Selecta-Code Transceiver	Multimode	4,800.00
MRX-8689	Video Receiver/Selecta-Code Transceiver	Multimode	4,800.00

Single Fiber Eight Channel Video System with Bi-directional RS485; or Bi-directional RS422 and Bi-directional Contact Closure

			<u>List</u>
MTX-8889	Video Transmitter/Selecta-Code Transceiver	Multimode	\$ 5,200.00
MRX-8889	Video Receiver/Selecta-Code Transceiver	Multimode	5,200.00

Single Fiber Two Channel Video System with Return Channel AD or Philips Code

MRT-8202SL	Video Transmitter/DataReceiver - Laser	Singlemode	Consult Factory
MRR-8202SL	Video Receiver/Data Transmitter - Laser	Singlemode	Consult Factory

Single Fiber Four Channel Video System with Return Channel AD or Philips Code

MRT-8402SL	Video Transmitter/DataReceiver - Laser	Singlemode	3,790.00
MRR-8402SL	Video Receiver/Data Transmitter - Laser	Singlemode	3,790.00

Single Fiber Six Channel Video System with Return Channel AD or Philips Code

MRT-8602SL	Video Transmitter/DataReceiver - Laser	Singlemode	4,950.00
MRR-8602SL	Video Receiver/Data Transmitter - Laser	Singlemode	4,950.00

Single Fiber Eight Channel Video System with Return Channel AD or Philips Code

MRT-8802SL	Video Transmitter/DataReceiver - Laser	Singlemode	5,900.00
MRR-8802SL	Video Receiver/Data Transmitter - Laser	Singlemode	5,900.00

Single Fiber Two Channel Video System with Bi-directional Sensornet

MTX-8210SL	Video Transmitter/Sensornet Transceiver	Singlemode	Consult Factory
MRX-8210SL	Video Receiver/Sensornet Transceiver	Singlemode	Consult Factory

Single Fiber Four Channel Video System with Bi-directional Sensornet

MTX-8410SL	Video Transmitter/Sensornet Transceiver	Singlemode	3,990.00
MRX-8410SL	Video Receiver/Sensornet Transceiver	Singlemode	3,990.00

Single Fiber Six Channel Video System with Bi-directional Sensornet

MTX-8610SL	Video Transmitter/Sensornet Transceiver	Singlemode	5,150.00
MRX-8610SL	Video Receiver/Sensornet Transceiver	Singlemode	5,150.00

Single Fiber Eight Channel Video System with Bi-directional Sensornet

MTX-8810SL	Video Transmitter/Sensornet Transceiver	Singlemode	6,200.00
MRX-8810SL	Video Receiver/Sensornet Transceiver	Singlemode	6,200.00

Single Fiber Two Channel Video System with Bi-directional RS232 and Return AD/Bosch Code

MTX-8223SL	Video Transmitter/Selecta-Code Transceiver	Singlemode	Consult Factory
MRX-8223SL	Video Receiver/Selecta-Code Transceiver	Singlemode	Consult Factory

Single Fiber Four Channel Video System with Bi-directional RS232 and Return AD/Bosch Code

MTX-8423SL	Video Transmitter/Selecta-Code Transceiver	Singlemode	3,990.00
MRX-8423SL	Video Receiver/Selecta-Code Transceiver	Singlemode	3,990.00

Single Fiber Six Channel Video System with Bi-directional RS232 and Return AD/Bosch Code

MTX-8623SL	Video Transmitter/Selecta-Code Transceiver	Singlemode	5,150.00
MRX-8623SL	Video Receiver/Selecta-Code Transceiver	Singlemode	5,150.00

Single Fiber Eight Channel Video System with Bi-directional RS232 and Return AD/Bosch Code

MTX-8823SL	Video Transmitter/Selecta-Code Transceiver	Singlemode	\$	6,200.00
MRX-8823SL	Video Receiver/Selecta-Code Transceiver	Singlemode		6,200.00

Single Fiber Two Channel Video System with Bi-directional Contact Closure and Return AD/Bosch Code

MTX-8229SL	Video Transmitter/Selecta-Code Transceiver	Singlemode		Consult Factory
MRX-8229SL	Video Receiver/Selecta-Code Transceiver	Singlemode		Consult Factory

Single Fiber Four Channel Video System with Bi-directional Contact Closure and Return AD/Bosch Code

MTX-8429SL	Video Transmitter/Selecta-Code Transceiver	Singlemode		3,990.00
MRX-8429SL	Video Receiver/Selecta-Code Transceiver	Singlemode		3,990.00

Single Fiber Six Channel Video System with Bi-directional Contact Closure and Return AD/Bosch Code

MTX-8629SL	Video Transmitter/Selecta-Code Transceiver	Singlemode		5,150.00
MRX-8629SL	Video Receiver/Selecta-Code Transceiver	Singlemode		5,150.00

Single Fiber Eight Channel Video System with Bi-directional Contact Closure and Return AD/Bosch Code

MTX-8829SL	Video Transmitter/Selecta-Code Transceiver	Singlemode		6,200.00
MRX-8829SL	Video Receiver/Selecta-Code Transceiver	Singlemode		6,200.00

Single Fiber Two Channel Video System with Bi-directional RS485; or Bi-directional RS232 and Bi-directional RS422

MTX-8285SL	Video Transmitter/RS232 Transceiver	Singlemode		Consult Factory
MRX-8285SL	Video Receiver/RS232 Transceiver	Singlemode		Consult Factory

Single Fiber Four Channel Video System with Bi-directional RS485; or Bi-directional RS232 and Bi-directional RS422

MTX-8485SL	Video Transmitter/RS232 Transceiver	Singlemode		3,990.00
MRX-8485SL	Video Receiver/RS232 Transceiver	Singlemode		3,990.00

Single Fiber Six Channel Video System with Bi-directional RS485; or Bi-directional RS232 and Bi-directional RS422

MTX-8685SL	Video Transmitter/RS232 Transceiver	Singlemode		5,150.00
MRX-8685SL	Video Receiver/RS232 Transceiver	Singlemode		5,150.00

Single Fiber Eight Channel Video System with Bi-directional RS485; or Bi-directional RS232 and Bi-directional RS422

MTX-8885SL	Video Transmitter/RS232 Transceiver	Singlemode		6,200.00
MRX-8885SL	Video Receiver/RS232 Transceiver	Singlemode		6,200.00

Single Fiber Two Channel Video System with Bi-directional RS485; or Bi-directional RS422 and Bi-directional Contact Closure

MTX-8289SL	Video Transmitter/Selecta-Code Transceiver	Singlemode		Consult Factory
MRX-8289SL	Video Receiver/Selecta-Code Transceiver	Singlemode		Consult Factory

Single Fiber Four Channel Video System with Bi-directional RS485; or Bi-directional RS422 and Bi-directional Contact Closure

MTX-8489SL	Video Transmitter/Selecta-Code Transceiver	Singlemode		3,990.00
MRX-8489SL	Video Receiver/Selecta-Code Transceiver	Singlemode		3,990.00

Single Fiber Six Channel Video System with Bi-directional RS485; or
Bi-directional RS422 and Bi-directional Contact Closure

			<u>List</u>
MTX-8689SL	Video Transmitter/Selecta-Code Transceiver	Singlemode	\$ 5,150.00
MRX-8689SL	Video Receiver/Selecta-Code Transceiver	Singlemode	5,150.00

Single Fiber Eight Channel Video System with Bi-directional RS485; or
Bi-directional RS422 and Bi-directional Contact Closure

MTX-8889SL	Video Transmitter/Selecta-Code Transceiver	Singlemode	6,200.00
MRX-8889SL	Video Receiver/Selecta-Code Transceiver	Singlemode	6,200.00

MULTI CHANNEL 10 BIT DIGITAL VIDEO SYSTEM

Single Fiber Four-Channel 10 Bit Digital Video System

MT-940	Four Channel 10 Bit Digital Video Module Transmitter	Multimode	1,800.00
MR-940	Four Channel 10 Bit Digital Video Module Receiver	Multimode	1,800.00

Single Fiber Four-Channel 10 Bit Digital Video System

MT-940SL	Four Channel 10 Bit Digital Video Module Transmitter	Singlemode	3,200.00
MR-940SL	Four Channel 10 Bit Digital Video Module Receiver	Singlemode	3,200.00

MULTI CHANNEL 10 BIT DIGITAL VIDEO WITH DATA

Single Fiber Four-Channel 10 Bit Digital Video System With Bi-directional Data

MT-944	Video Transmitter/ Data Transceiver Module	Multimode	3,500.00
MR-944	Video Receiver/ Data Transceiver Module	Multimode	3,500.00

Single Fiber Four-Channel 10 Bit Digital Video System With Bi-directional Data

MT-944SL	Video Transmitter/ Data Transceiver Module	Singlemode	4,650.00
MR-944SL	Video Receiver/ Data Transceiver Module	Singlemode	4,650.00

DATA SYSTEMS

Total integration of video, voice and data have become the hallmark of today's advanced security systems. American Fibertek offers a complete line of data transmitters, receivers and transceivers to integrate with the most demanding system requirements. Fully compatible with American Fibertek video and voice products, these systems are available for singlemode or multimode optical fiber applications.

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.

			List
<u>Data Transmission System for AD or Philips Code</u>			
MT-02B	Data Transmission Module Transmitter - 850nm	Multimode	\$ 336.00
RT-02B	Data Transmission Rack Card Transmitter - 850nm	Multimode	336.00
MT-02B-13	Data Transmission Module Transmitter - 1300nm	Multimode	498.00
RT-02B-13	Data Transmission Rack Card Transmitter - 1300nm	Multimode	498.00
MT-02B-S	Data Transmission Module Transmitter - 1300nm	Singlemode	698.00
RT-02B-S	Data Transmission Rack Card Transmitter - 1300nm	Singlemode	698.00
MR-02B	Data Transmission Module Receiver - 850 nm	Multimode	336.00
RR-02B	Data Transmission Rack Card Receiver - 850nm	Multimode	336.00
MR-02B-13	Data Transmission Module Receiver - 1300 nm	Multimode	498.00
RR-02B-13	Data Transmission Rack Card Receiver - 1300nm	Multimode	498.00
MR-02B-S	Data Transmission Module Receiver - 1300 nm	Singlemode	698.00
RR-02B-S	Data Transmission Rack Card Receiver - 1300nm	Singlemode	698.00
<u>RS232 Transceiver Data System</u>			
MX-03	RS-232 Transceiver Module 850nm	Multimode	400.00
RX-03	RS-232 Transceiver Rack Card 850nm	Multimode	400.00
MX-03-13	RS-232 Transceiver Module 1300nm	Multimode	796.00
RX-03-13	RS-232 Transceiver Rack Card 1300nm	Multimode	796.00
MX-03-S	RS-232 Transceiver Module 1300nm	Singlemode	1,066.00
RX-03-S	RS-232 Transceiver Rack Card 1300nm	Singlemode	1,066.00
<u>RS422 Transceiver Data System</u>			
MX-04	RS-422 Transceiver Module 850nm	Multimode	400.00
RX-04	RS-422 Transceiver Rack Card 850nm	Multimode	400.00
MX-04-13	RS-422 Transceiver Module 1300nm	Multimode	796.00
RX-04-13	RS-422 Transceiver Rack Card 1300nm	Multimode	796.00
MX-04-S	RS-422 Transceiver Module 1300nm	Singlemode	1,066.00
RX-04-S	RS-422 Transceiver Rack Card 1300nm	Singlemode	1,066.00
<u>TTL Transceiver Data System</u>			
MX-07	TTL Transceiver Module 850nm	Multimode	400.00
RX-07	TTL Transceiver Rack Card 850nm	Multimode	400.00
MX-07-13	TTL Transceiver Module 1300nm	Multimode	796.00
RX-07-13	TTL Transceiver Rack Card 1300nm	Multimode	796.00
MX-07-S	TTL Transceiver Module 1300nm	Singlemode	1,066.00
RX-07-S	TTL Transceiver Rack Card 1300nm	Singlemode	1,066.00

8 Channel Status Control System

MT-80	Status Control Module Transmitter 850nm	Multimode	\$ 569.00
RT-80	Status Control Rack Card Transmitter 850nm	Multimode	569.00
MT-80-13	Status Control Module Transmitter 1300nm	Multimode	895.00
RT-80-13	Status Control Rack Card Transmitter 1300nm	Multimode	895.00
MT-80-S	Status Control Module Transmitter 1300nm	Singlemode	1,090.00
RT-80-S	Status Control Rack Card Transmitter 1300nm	Singlemode	1,090.00
MR-80	Status Control Module Receiver 850nm	Multimode	569.00
RR-80	Status Control Rack Card Receiver 850nm	Multimode	569.00
MR-80-13	Status Control Module Receiver 1300nm	Multimode	895.00
RR-80-13	Status Control Rack Card Receiver 1300nm	Multimode	895.00
MR-80-S	Status Control Module Receiver 1300nm	Singlemode	1,090.00
RR-80-S	Status Control Rack Card Receiver 1300nm	Singlemode	1,090.00

RS485 Transceiver Data System

MX-485-2	RS-485 Module 850nm 2 Wire Transceiver	Multimode	495.00
RX-485-2	RS-485 Rack Card 850nm 2 Wire Transceiver	Multimode	495.00
MX-485-2-13	RS-485 Module 1300nm 2 Wire Transceiver	Multimode	875.00
RX-485-2-13	RS-485 Rack Card 1300nm 2 Wire Transceiver	Multimode	875.00
MX-485-2-S	RS-485 Module 1300nm 2 Wire Transceiver	Singlemode	1,096.00
RX-485-2-S	RS-485 Rack Card 1300nm 2 Wire Transceiver	Singlemode	1,096.00
MX-485-4	RS-485 Module 850nm 4 Wire Transceiver	Multimode	495.00
RX-485-4	RS-485 Rack Card 850nm 4 Wire Transceiver	Multimode	495.00
MX-485-4-13	RS-485 Module 1300nm 4 Wire Transceiver	Multimode	875.00
RX-485-4-13	RS-485 Rack Card 1300nm 4 Wire Transceiver	Multimode	875.00
MX-485-4-S	RS-485 Module 1300nm 4 Wire Transceiver	Singlemode	1,096.00
RX-485-4-S	RS-485 Rack Card 1300nm 4 Wire Transceiver	Singlemode	1,096.00

Ethernet Transceivers 10 BaseT/100 Base-TX (Auto-Sensing)

MX-45-FX-ST	Two Fiber Module - ST Connectors	Multimode	750.00
RX-45-FX-ST	Two Fiber Rack Card - ST Connectors	Multimode	750.00
MX-45-FX-SC	Two Fiber Module - SC Connectors	Multimode	750.00
RX-45-FX-SC	Two Fiber Rack Card - SC Connectors	Multimode	750.00
MT-45-ML-SC	One Fiber Module Transmitter - SC Connectors	Multimode	1,500.00
RT-45-ML-SC	One Fiber Rack Card Transmitter - SC Connectors	Multimode	1,500.00
MR-45-ML-SC	One Fiber Module Receiver - SC Connectors	Multimode	1,500.00
RR-45-ML-SC	One Fiber Rack Card Receiver - SC Connectors	Multimode	1,500.00
MT-45-SL-SC	One Fiber Module Transmitter - SC Connectors	Singlemode	1,800.00
RT-45-SL-SC	One Fiber Rack Card Transmitter - SC Connectors	Singlemode	1,800.00
MR-45-SL-SC	One Fiber Module Receiver - SC Connectors	Singlemode	1,800.00
RR-45-SL-SC	One Fiber Rack Card Receiver - SC Connectors	Singlemode	1,800.00

RS485 Data Repeater SystemList

MX-485-2T	RS-485 Repeater Transceiver 850nm 2 Wire module	Multimode	\$ 875.00
RX-485-2T	RS-485 Repeater Transceiver 850nm 2 Wire Rack Card	Multimode	875.00
MX-485-2T-13	RS-485 Repeater Transceiver 1300nm 2 Wire Module	Multimode	1,530.00
RX-485-2T-13	RS-485 Repeater Transceiver 1300nm 2 Wire Rack Card	Multimode	1,530.00
MX-485-2T-S	RS-485 Repeater Transceiver 1300nm 2 Wire Module	Singlemode	1,920.00
RX-485-2T-S	RS-485 Repeater Transceiver 1300nm 2 Wire Rack Card	Singlemode	1,920.00
MX-485-4T	RS-485 Repeater Transceiver 850nm 4 Wire Module	Multimode	875.00
RX-485-4T	RS-485 Repeater Transceiver 850nm 4 Wire Rack Card	Multimode	875.00
MX-485-4T-13	RS-485 Repeater Transceiver 1300nm 4 Wire Module	Multimode	1,530.00
RX-485-4T-13	RS-485 Repeater Transceiver 1300nm 4 Wire Rack Card	Multimode	1,530.00
MX-485-4T-S	RS-485 Repeater Transceiver 1300nm 4 Wire Module	Singlemode	1,920.00
RX-485-4T-S	RS-485 Repeater Transceiver 1300nm 4 Wire Rack Card	Singlemode	1,920.00

Single Fiber Bi-directional Transceivers - Two-Way RS485 System

MT-0485-2	RS-485 Bi-directional Module Transmitter - 2 Wire	Multimode	980.00
RT-0485-2	RS-485 Bi-directional Rack Card Transmitter - 2 Wire	Multimode	980.00
MT-0485-4	RS-485 Bi-directional Module Transmitter - 4 Wire	Multimode	980.00
RT-0485-4	RS-485 Bi-directional Rack Card Transmitter - 4 Wire	Multimode	980.00
MR-0485-2	RS-485 Bi-directional Module Receiver - 2 Wire	Multimode	980.00
RR-0485-2	RS-485 Bi-directional Rack Card Receiver - 2 Wire	Multimode	980.00
MR-0485-4	RS-485 Bi-directional Module Receiver - 4 Wire	Multimode	980.00
RR-0485-4	RS-485 Bi-directional Rack Card Receiver - 4 Wire	Multimode	980.00

Single Fiber Bi-directional Transceivers - Two-Way RS485 System - Laser

MT-0485-2-SL	RS-485 Bi-directional Module Transmitter - 2 Wire	Singlemode	2,090.00
RT-0485-2-SL	RS-485 Bi-directional Rack Card Transmitter - 2 Wire	Singlemode	2,090.00
MT-0485-4-SL	RS-485 Bi-directional Module Transmitter - 4 Wire	Singlemode	2,090.00
RT-0485-4-SL	RS-485 Bi-directional Rack Card Transmitter - 4 Wire	Singlemode	2,090.00
MR-0485-2-SL	RS-485 Bi-directional Module Receiver - 2 Wire	Singlemode	2,090.00
RR-0485-2-SL	RS-485 Bi-directional Rack Card Receiver - 2 Wire	Singlemode	2,090.00
MR-0485-4-SL	RS-485 Bi-directional Module Receiver - 4 Wire	Singlemode	2,090.00
RR-0485-4-SL	RS-485 Bi-directional Rack Card Receiver - 4 Wire	Singlemode	2,090.00

Please consult factory for any model not listed above

Please refer to page 45 for the module power supply selection chart

Single Fiber Data Transceivers

Channel Guide : X = 3 = RS232 X = 4 = RS422 X = 7 = TTL X = 8 = Audio X = 9 = Contact Closure

List

Single Fiber Bi-directional Transceivers - One Two-Way Data Channel

MT-0X00	Module Transmitter- Data Input/Output	Multimode	\$ 806.00
RT-0X00	Rack Card Transmitter - Data Input/Output	Multimode	806.00
MR-0X00	Module Receiver - Data Output/Input	Multimode	806.00
RR-0X00	Rack Card Receiver - Data Output/Input	Multimode	806.00

Single Fiber Bi-directional Transceivers - 2 Two-Way Data Channels

MT-0XX0	Module Transmitter - Dual Data Input/Output	Multimode	896.00
RT-0XX0	Rack Card Transmitter - Dual Data Input/Output	Multimode	896.00
MR-0XX0	Module Receiver - Dual Data Output/Input	Multimode	896.00
RR-0XX0	Rack Card Receiver - Dual Data Output/Input	Multimode	896.00

Single Fiber Bi-directional Transceivers - One Two-Way Data Channel

MT-0X00SL	Module Transmitter - Data Input/Output	Singlemode	1,790.00
RT-0X00SL	Rack Card Transmitter - Data Input/Output	Singlemode	1,790.00
MR-0X00SL	Module Receiver - Data Output/Input	Singlemode	1,790.00
RR-0X00SL	Rack Card Receiver - Data Output/Input	Singlemode	1,790.00

Single Fiber Bi-directional Transceivers - 2 Two-Way Data Channels

MT-0XX0SL	Module Transmitter - Dual Data Input/Output	Singlemode	2,090.00
RT-0XX0SL	Rack Card Transmitter - Dual Data Input/Output	Singlemode	2,090.00
MR-0XX0SL	Module Receiver - Dual Data Output/Input	Singlemode	2,090.00
RR-0XX0SL	Rack Card Receiver - Dual Data Output/Input	Singlemode	2,090.00

Please consult factory for any model not listed above

Please refer to page 45 for the module power supply selection chart

CATV SYSTEMS

The American Fibertek AM/VSB Multichannel Transmission Systems are designed to provide low cost optimum performance for today's demanding video distribution systems. Compatible with standard CATV modulators and processors these systems provide economical video applications including: Corporate TV Distribution, Media Retrieval, Radar Remoting, and CATV in a Campus LAN Environment.

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.

Five Channel AM Fiber Optic System

			List
MT-90	Module Transmitter - 5VSB/AM	Multimode	\$ 798.00
RT-90	Rack Card Transmitter - 5VSB/AM	Multimode	798.00
MR-90	Module Receiver - 5VSB/AM	Multimode	590.00
RR-90	Rack Card Receiver - 5VSB/AM	Multimode	590.00

Five Channel AM Fiber Optic System- Singlemode

MT-90SL	Module Transmitter - 5VSB/AM	Singlemode	1,490.00
RT-90SL	Rack Card Transmitter - 5VSB/AM	Singlemode	1,490.00
MR-90SL	Module Receiver - 5VSB/AM	Singlemode	990.00
RR-90SL	Rack Card Receiver - 5VSB/AM	Singlemode	990.00

Ten Channel AM Fiber Optic System- Singlemode

MT-91SL	High Performance Transmitter - 10VSB/AM	Singlemode	2,490.00
RT-91SL	High Performance Transmitter - 10VSB/AM	Singlemode	2,490.00
MR-91SL	High Performance Receiver - 10VSB/AM	Singlemode	1,390.00
RR-91SL	High Performance Receiver - 10VSB/AM	Singlemode	1,390.00

High Performance 78 Channel AM Fiber Optic System

RT-802	Rack Transmitter - 78 AM/VSB TV Channels	Singlemode	20,530.00
RR-802	Rack Receiver - 78 AM/VSB TV Channels	Singlemode	2,990.00

Fiber Equipment Rack

The SR20/1 and SR20R/1 are 19" EIA Frames designed to accommodate up to 14 plug in rack cards in the SR20/1 or 11 plug in rack cards in the SR20R/1. Blank panels are available for all rack configurations.

FEATURES: * Full compatibility with 115V or 230V circuits. * Redundancy available. * Status indicators.
* Any combination of Rack Card can be used.

SR-20/1	EIA 19" Frame w/PSR-1 Supply	850.00
SR-20R/1	EIA 19" Frame w/Redundant Power Supplies	1,450.00
SR-20/2	EIA 19" Frame w/Universal Switching Power Supply	990.00
PSR-1	Linear 75w DC Power Supply (SR20/1)	449.00
PSR-2	Switching 100w Universal Power Supply(SR-20/2)	600.00
PSR-1M	Master	586.00
PSR-1S	Slave	586.00

Blank Panel Accessories for SR-20/1, SR-20R/1 and SR-20/2

BPS-4	Blank Panel for SR-20 (4 slot)	23.00
BPS-2	Blank Panel for SR-20 (2 slot)	21.00
BPS-1	Blank Panel for SR-20 (1 slot)	16.00

POWER SUPPLIES

List

PS Series Wall Plug-In Transformers and Power Supplies

PS-12	12 VDC Power Supply	\$	17.00
PS-12AC	12 VAC Power Supply		17.00
PS-24	24 VAC Power Supply		17.00
PS-24DC	24 VDC Power Supply		37.00
PS-24CT-T	Power Supply		37.00
PS-24CT-R	Power Supply		37.00

POWER SUPPLY SELECTION CHART

Model	Part Number	Voltage
MT-1	PS-12	12 VDC
02B Series	PS-12	12 VDC
03 Series	PS-12	12 VDC
04 Series	PS-12	12 VDC
05B Series	PS-24	24 VAC
07 Series	PS-12	12 VDC
10 Series	PS-24	24 VAC
45 Series	PS-12	12 VDC
60 Series	PS-12AC	12 VAC
61 Series	PS-12AC	12 VAC
62 Series	PS-12AC	12 VAC
80 Series	PS-12	12 VDC
86 Series	PS-12AC	12 VAC
86T Series	PS-24DC	24 VDC
89 Series	PS-24CT-T	24VCenterTap
90 Series	PS-12	12 VDC
91 Series	PS-12	12 VDC
1XX Series	PS-12	12 VDC
M100 Series	PS-12	12 VDC
MT-200	PS-24CT-T	24VCenterTap
MR-200	PS-24CT-R	24VCenterTap
220,220SL	PS-24CT-T	24VCenterTap
MX-200 Series	PS-24CT-T	24VCenterTap
3XX Series	PS-12	12 VDC
MT-400 Series	PS-24CT-T	24VCenterTap
MR-400 Series	PS-24CT-R	24VCenterTap
404,440,440E Series	PS-24CT-T	24VCenterTap
440SL Series	PS-24CT-T	24VCenterTap
485 Series	PS-12	12 VDC
5XX Series	PS-12	12 VDC
600 Series	110 Volt Internal	110 VAC
802 Series	110 Volt Internal	110 VAC
880,880SL Series	85-264 Volt Internal	Universal Input
940,940SL Series	PS-12D	12 VDC
944,944SL Series	PS-12D	12 VDC
6XXX Series	110 Volt Internal	110 VAC
8XXX,8XXXSL Series	85-264 Volt Internal	Universal Input
16000,32000 Series	85-264 Volt Internal	Universal Input
Bidirectional Transceivers:		
0300 Thru 2990	PS-24	24 VAC
0300SL Thru 0990SL	PS-12AC	12 VAC
3000 Thru 4990	PS-12AC	12 VAC
M61 Thru M1600P	PS-12	12 VDC

Note: Optional power configurations available for some models. Please consult factory.

ACCESSORIES

List

Diagnostic Instrumentation - Power Meter & Light Source

AFMLP 1-2	Light Source and Power Meter Kit	\$	2,325.00
AFOPM 1-2	Power Meter		760.00
AFVLI-1	Visible Fault Identifier		1,265.00

TK-50-ET ST Epoxy & Polish Termination Tool Kit and Connectors

TK-50-ET	Epoxy & Polish Termination Tool Kit (SMA & ST)		994.00
TKC-50-ET	Lapping Film Refill Kit for TK - 50-ET		92.00
EP-50-EC	Epoxy Refill Kit (10 Packets)		11.00
ST-125-E	Optical ST Connector		13.00
SMA-125-E	Optical SMA Connector		13.00
PC-ST	ST Passive Coupler		13.00
PC-FC	FC Passive Coupler		13.00

Patch Panel - Wall Mount Enclosures

WIC-012ST	Wall Mounted Interconnect with 12 ST Connectors		179.00
WIC-024ST	Wall Mounted Interconnect with 24 ST Connectors		247.00

Patch Panel - Rack Mount Enclosures

RIC - 012ST	Rack Mounted Interconnect with 12 ST Connectors		198.00
RIC - 024ST	Rack Mounted Interconnect with 24 ST Connectors		310.00

FIBER OPTIC CABLE

American Fibertek Inc. provides a complete line of fiber optic cables in a wide variety of Tight Buffer and Loose Tube Gel Filled constructions. We use only the highest quality optical fiber with transmission characteristics to meet the precise needs of your application. Our cables are tested to assure compliance with industry standards and are available with or without terminations. All prices given are per foot of cable.

TIGHT BUFFER

These cables are especially designed for use in riser and other building applications. Each fiber is reinforced with Dupont Kevlar in a PVC jacket.

LIGHT DUTY INDOOR CABLE

TBLD -3601	Single Fiber Tight Buffered Cable	Consult Factory
TBLDZ -3602	2 Fiber Tight Buffered Zipcord Cable	Consult Factory

DISTRIBUTION CABLE

TBRD -3602	2 Fiber Tight Buffered Distribution Cable	Consult Factory
TBRD -3604	4 Fiber Tight Buffered Distribution Cable	Consult Factory
TBRD -3606	6 Fiber Tight Buffered Distribution Cable	Consult Factory
TBRD -3612	12 Fiber Tight Buffered Distribution Cable	Consult Factory

BREAKOUT CABLE

TBRB -3602	2 Fiber Tight Buffered Breakout Cable	Consult Factory
TBRB -3604	4 Fiber Tight Buffered Breakout Cable	Consult Factory
TBRB -3606	6 Fiber Tight Buffered Breakout Cable	Consult Factory
TBRB -3612	12 Fiber Tight Buffered Breakout Cable	Consult Factory

PLENUM CABLE

These flame-retardant cables are offered in a plenum construction (OFNP) in accordance with Section 770-6 of the National Electric Code, UL Subject 910.

LIGHT DUTY PLENUM CABLE

TBLP -3601	Single Fiber Tight Buffered Cable	Consult Factory
TBLPZ -3602	2 Fiber Tight Buffered Zipcord Cable	Consult Factory

PLENUM DISTRIBUTION CABLE

TBPD -3602	2 Fiber Tight Buffered Distribution Cable	Consult Factory
TBPD -3604	4 Fiber Tight Buffered Distribution Cable	Consult Factory
TBPD -3606	6 Fiber Tight Buffered Distribution Cable	Consult Factory

PLENUM BREAKOUT CABLE

TBPB -3602	2 Fiber Tight Buffered Breakout Cable	Consult Factory
TBPB -3604	4 Fiber Tight Buffered Breakout Cable	Consult Factory
TBPB -3606	6 Fiber Tight Buffered Breakout Cable	Consult Factory

LOOSE TUBE CABLE

Loose-Tube cables are designed for outdoor duct, aerial and direct burial applications. They feature gel-filled loose-tubes, with each tube containing up to 12 fibers.

LTD -3601	Single Fiber Loose Tube Cable	Consult Factory
LTD -3602	2 Fiber Loose Tube Cable	Consult Factory
LTD -3604	4 Fiber Loose Tube Cable	Consult Factory
LTD -3606	6 Fiber Loose Tube Cable	Consult Factory
LTD -3612	12 Fiber Loose Tube Cable	Consult Factory

Larger fiber counts available for all cable types. Consult factory for prices.

Aerial Messenger, Armored, Military, and other style cables available. Consult Factory.

CABLE ASSEMBLIES

American Fibertek offers a full-line of fiber optic cable and connectors. This means that we can give you a wide variety of cable connector assemblies to meet your specific design requirements. American Fibertek Inc., has the manufacturing tools and factory inspection equipment to assure fast delivery on a pre-tested cable assembly , built to your specifications. Call Factory for pricing.

Example of cable assembly part numbering: CA2500TT/TBRB-3602-WPE

CA	2500	TT/	TBRB-3602	WPE
Cable Assembly	Cable Length (Feet)	Connector Type T = ST M = SMA F = FC/PC S = SC	Cable Type	Optional Pulling Eye

STANDARD PATCHCORDS - ST Connectors

		<u>List</u>
PCST - 01MS	1 Meter Multimode Simplex Patchcord	\$ 38.00
PCST - 02MS	2 Meter Multimode Simplex Patchcord	40.00
PCST - 03MS	3 Meter Multimode Simplex Patchcord	42.00
PCST - 05MS	5 Meter Multimode Simplex Patchcord	44.00
PCST - 10MS	10 Meter Multimode Simplex Patchcord	47.00
PCST - 01MD	1 Meter Multimode Duplex Patchcord	70.00
PCST - 02MD	2 Meter Multimode Duplex Patchcord	73.00
PCST - 03MD	3 Meter Multimode Duplex Patchcord	76.00
PCST - 05MD	5 Meter Multimode Duplex Patchcord	79.00
PCST - 10MD	10 Meter Multimode Duplex Patchcord	93.00
PCST - 01SS	1 Meter Singlemode Simplex Patchcord	85.00
PCST - 02SS	2 Meter Singlemode Simplex Patchcord	86.00
PCST - 03SS	3 Meter Singlemode Simplex Patchcord	87.00
PCST - 05SS	5 Meter Singlemode Simplex Patchcord	90.00
PCST - 10SS	10 Meter Singlemode Simplex Patchcord	96.00

Other Style Patchcords Available. Contact Factory.

SUPPORT SERVICES

- Fiber Optic Training Program (Consult Factory)
- On site Technical Assistance

All prices are F.O.B. Somerset, N.J. Specifications are subject to change without notice. For additional discounts and bid consultation consult factory.

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 NON WARRANTY

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 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

LIFETIME 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 (RMA) number 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.

REPAIR AND RETURN INFORMATION

If a warranty repair is required, contact American Fibertek for a Return Material Authorization (RMA) number and provide the following information:

- 1) Model and serial number
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120 Belmont Drive Somerset, NJ 08873-1204
Tel (732) 302-0660 Fax (732) 302-0667
Toll Free (877) AFI-7200
www.americanfibertek.com

FIBER OPTIC COUPLERS AND WAVELENGTH DIVISION MULTIPLEXERS (WDM) COUPLERS

FEATURES: *Singlemode and multimode available. * Wide Range of styles available to split and combine light. * Rack and Module packaging format.

Please Consult Factory for Price and Availability

WAVELENGTH DIVISION MULTIPLEXERS

FEATURES: * Allow use of single fiber for simultaneous transmission of two signals. * Singlemode and Multimode available. * Rack and Module packaging format.

Please Consult Factory for Price and Availability

OPTICAL ATTENUATORS

FEATURES: * Attenuators may be used to reduce optical intensity without introducing additional noise or back reflection. * Singlemode and Multimode available. * Fixed attenuation or variable available.

Please Consult Factory for Price and Availability

POWER SUPPLY SELECTION CHART

Model	Part Number	Voltage
MT-1	PS-12	12 VDC
02 Series	PS-12	12 VDC
03 Series	PS-12	12 VDC
04 Series	PS-12	12 VDC
05B Series	PS-24	24 VAC
07 Series	PS-12	12 VDC
08 Series	PS-24CT-T	24VCenterTap
10 Series	PS-24	24 VAC
15 Series	PS-24	24 VAC
38 Series	PS-24CT-T	24VCenterTap
60 Series	PS-12AC	12 VAC
61 Series	PS-12AC	12 VAC
62 Series	PS-12AC	12 VAC
80 Series	PS-12	12 VDC
89 Series	PS-24CT-T	24VCenterTap
100 Series	PS-12	12VDC

Model	Part Number	Voltage
130 Series	PS-24	24 VAC
MT-200 Series	PS-24CT-T	24VCenterTap
MR-200 Series	PS-24CT-R	24VCenterTap
MX-200 Series	PS-24CT-T	24VCenterTap
MM-232 Series	PS-PM10	+/-10 VDC07
300 Series	PS-12	12 VDC
MT-400 Series	PS-24CT-T	24VCenterTap
MR-400 Series	PS-24CT-R	24VCenterTap
MM-422 Series	PS-5	5 VDC
485 Series	PS-12	12 VDC
500 Series	PS-12	12 VDC
600 Series	110 volt internal	110 VAC
Bidirectional Transceivers:		
0300 Thru 4990 Series	PS-24	24 VAC

Note: Optional power configurations available for some models. Please consult factory.

POWER SUPPLIES

PS-5	5 VDC Power Supply	\$57.00
PS-12	12 VDC Power Supply	\$17.00
PS-12AC	12 VAC Power Supply	\$17.00
PS-24	24 VAC Power Supply	\$17.00
PS-PM10	+/-10 VDC Power Supply	\$57.00
PS-24CT-T	Power Supply	\$37.00
PS-24CT-R	Power Supply	\$37.00