986-UTP SERIES
MULTIMODE SINGLEMODE

EIGHT CHANNEL DIGITAL VIDEO SYSTEM (UTP VIDEO) WITH ONE BI-DIRECTIONAL MULTI-PROTOCOL DATA AND ONE BI-DIRECTIONAL CONTACT CHANNELS

Features:

- Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- Diagnostics: Video, DC Power, OLI, Data Activity
- RJ-45 Video I/O Connectors
- Available with BNC connectors on the receiver video outputs

Specifications:

Video:

I/0 Level .....1 Vp-p (±3 dB)
I/0 Impedance ..... 100 Ohms
Bandwidth .....7 MHz
Differential Gain .....<2 %
Differential Phase ..... <0.7 °
SNR (Unified Weighted)
-Multimode ..... >55 dB
-Singlemode ..... >65 dB
Connector RJ-45

Data:

Interface.....Selectable Multi-protocol
Choice of: RS-485 (2 or 4 wire),
RS-422,
RS232,
Manchester
Data Format.....Asynchronous, Serial
Data Rate..... DC to 115 Kbs
Connector .....5 Pin Screw Terminal

Contact Closure:

Input.....Switch Closure to Ground
Output .....Dry Contact
Response Time..... 2 mS
Max Voltage .....100 VDC or Peak AC
Max Current ..... 0.5 A
Connector .....Terminal Block

Optical 986 Series

Wavelength .....1310/1550 nm
Loss Budget (62/125µ).....10 dB
Maximum Distance on Multimode.....1 Km
(Limited by Fiber Dispersion)
Connector ..... ST

Optical 986SL Series

Wavelength .....1310/1550 nm
Loss Budget (9/125µ).....15 dB
Connector ..... FC

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Universal Power Input
85 to 264 VAC, 47 to 63 Hz, 40 Watts Max.

Size:

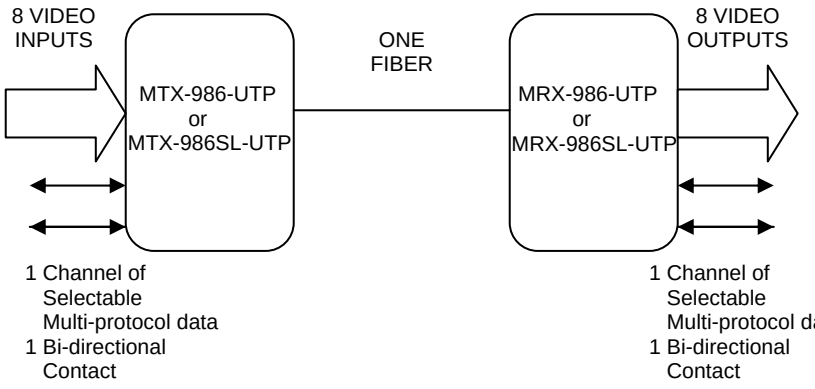
1RU High x 19" Wide x 12" Deep

Ordering information:

MTX-986-UTP = Video/Data Tx / Data Rx
MRX-986-UTP = Video/Data Rx / Data Tx
MTX-986SL-UTP = Video/Data Tx / Data Rx
MTX-986SL-UTP = Video/Data Rx / Data Tx

The American Fibertek 986-UTP Series transmits 8 channels of high-quality digitized video with 1 channel of multi-protocol data and 1 bi-directional contact on one multimode or singlemode optical fiber using WDM technology. The video input / output connections utilize RJ-45 connectors.

Designed to be completely transparent to all camera and monitor manufacturers, this system requires no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status.



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