



**985-UTP
SERIES
MULTIMODE
SINGLEMODE**

**EIGHT CHANNEL DIGITAL VIDEO SYSTEM (UTP VIDEO)
WITH TWO BI-DIRECTIONAL MULTI-PROTOCOL DATA
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/O Level1 Vp-p (±3 dB)
 I/O Impedance 100 Ohms
 Bandwidth7 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 FormatAsynchronous, Serial
 Data Rate DC to 115 Kbs
 Connector5 Pin Screw Terminal

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
 ConnectorFC

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-985-UTP = Video/Data Tx / Data Rx
 MRX-985-UTP = Video/Data Rx / Data Tx
 MTX-985SL-UTP = Video/Data Tx / Data Rx
 MTX-985SL-UTP = Video/Data Rx / Data Tx

4/2014 JK



The American Fibertek 985-UTP Series transmits 8 channels of high-quality digitized video with 2 channels of multi-protocol data 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.

