FOUR CHANNEL DIGITAL VIDEO SYSTEM WITH TWO BI-DIRECTIONAL MULTI-PROTOCOL DATA CHANNELS

Features:

♦ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
♦ Diagnostics: Video, DC Power, Digital Frame Sync, OLI, Data Activity
♦ Available with Enhanced "Afinety" Intelligent Monitoring System
♦ Digital Video Transmission
♦ Serial Digital Transmission

Specifications:

Video:

I/0 Level ....1 Vp-p (±3 dB)
I/0 Impedance .... 75 Ohms
Bandwidth ....7 MHz
Differential Gain ....2 %
Differential Phase................................0.7 °
SNR (Unified Weighted).....................55 dB
Connector .... BNC

Data:

Number of Channels .... 2 (Full Duplex)
Interface….485(2 or 4 Wire)/RS422/RS232
Data Format ....Asynchronous, Serial
Data Rate........................... DC to 115 Kbs
Connector ....5 Pin Screw Terminals

Optical

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

Temperature (Operating)
-40°C to +75°C, non-condensing

Power Supply:
Rack Card – AFI SR 20/2
Module – 12 VDC @ 800 mA

Size:
Module-..……………….. 81/8" x 41/8" x 11/8 "
Rack Card :
2 rack slots ....6½" x 5" x 2"

Ordering information:
MT-745C-SL   Module Transmitter
RT-745C-SL   Rack Card Transmitter
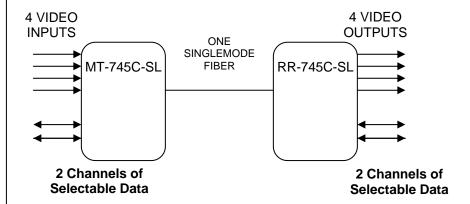MR-745C-SL   Module Receiver
RR-745C-SL   Rack Card Receiver

Example:
RT-745C-SL to RR-745C-SL
MT-745C-SL to RR-745C-SL

10/12/14JPK

The American Fibertek 745C-SL Series transmits four channels of high-quality digitized video and two channels of multi-protocol data on one singlemode optical fiber using WDM technology. 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. **The "Afinety" intelligent remote monitoring system is available on this product, please consult factory.**

Equipment may be ordered as stand alone modules or rack cards, these are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20H/2(redundant power supply).

4 VIDEO INPUTS → MT-745C-SL — ONE SINGLEMODE FIBER — RR-745C-SL → 4 VIDEO OUTPUTS

2 Channels of Selectable Data   2 Channels of Selectable Data