

All digital four channel video multiplexer transmits four channels of uncompressed composite video over a single fiber.

The Pure Digital Fiberlink® 7040 Series four channel video multiplexer employs all digital processing techniques to transmit four channels of composite video over one single mode or multimode fiber. Offering all the advantages of a digital system at traditional analog prices, the 7040 series features 7 MHz bandwidth and is compatible with NTSC, PAL or SECAM video standards. It operates over a wide temperature range using 9-24 volt AC or DC power.

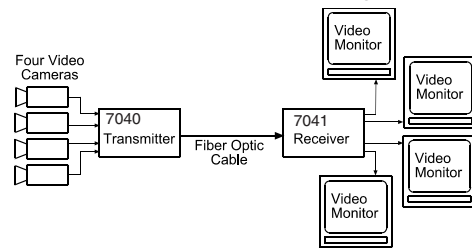
Systems consist of two units (transmitter and receiver), each equipped with indicator LEDs to continuously indicate the presence of power and up to four video signals. The system is available in box or card version. The card module fills two slots in the model 6000A card cage.

MODELS AVAILABLE:

- Multimode or single mode
- One fiber
- 850, 1310 or 1550 nm

STANDARD FEATURES INCLUDE:

- Operates with all video formats
- No adjustments; pure digital processing and transmission
- Wide range power supply
- Operates over wide temperature range
- Available in card or box version
- Slots occupied in model 6000A card cage: 2



PURE DIGITAL
FIBERLINK®

Four Channel
Video Multiplexer
7040 Series

VIDEO SPECIFICATIONS:

Number of channels:	4
Frequency Response:	7 MHz (-3 dB)
Differential Gain:	1%
Differential Phase:	0.5 deg
Signal-to-Noise Ratio:	62 dB (CCIR weighted)

GENERAL SPECIFICATIONS:

Number of fibers:	1
Operating Wavelength:	850, 1310 or 1550 nm
Power Requirements:	9-24 Volts AC or DC, 6 watts
Operating Temp. Range:	-35 to +74 degrees C

OPERATING LOSS BUDGET AND USABLE DISTANCE:

Wavelength	Loss (dB)	Distance (km)
850 MM	0-20	0-.75
1300 MM	0-25	0-2
1300 SM	0-25	0-60
1550 SM	0-25	0-80

Distance specifications are only approximate and are not guaranteed. Operating loss budget must not be exceeded.



ORDERING INFORMATION:

Transmitter Stand Alone Box	7040-Bxy
Transmitter Rack Card	7040-Cxy
Receiver Stand Alone Box	7041-Bxy
Receiver Rack Card	7041-Cxy
Power Supply	PDPS-1-pp

x: 1 = 850 nm Multimode
3 = 1310 nm Multimode
7 = 1310 nm Single mode
9 = 1550 nm Single mode

y: S = ST Connector
F = FCPC Connector

pp (line cord on power supply):

NA = N. America
AU = Australia
EU = Europe
JP = Japan
UK = United Kingdom

WARRANTY: Pure Digital Fiberlink Four Channel Video system is backed by a three-year warranty on parts and labor plus a 30-day satisfaction guarantee.