

Two channel video multiplexer uses all digital processing and signaling to transmit two composite video signals over one fiber.

The Pure Digital Fiberlink® 7030 Series transmits two channels of uncompressed composite video over a single fiber optic cable. Each video channel has a bandwidth of 7 MHz is compatible with NTSC, PAL or SECAM video standards. Systems are offered for use with single mode or multimode fiber. With a wide operating temperature range, the system is suitable for almost any indoor or protected outdoor environment.

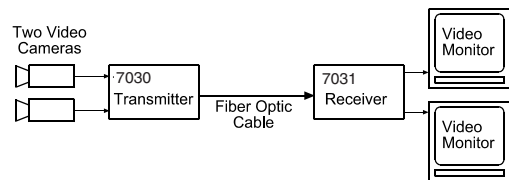
Systems consist of two units (transmitter and receiver), each equipped with indicator LEDs to continuously indicate the presence of power and video signals. The system is available in box or card version. Card units fit within the model 6000A card cage.

MODELS AVAILABLE:

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

STANDARD FEATURES INCLUDE:

- Two channels of uncompressed video over one fiber
- Operates with all video formats
- No adjustments; pure digital processing and transmission
- Wide range power supply
- Operates over wide temperature range
- Stand-alone box or card version. Card fills one slot in the model 6000A rackmountable card cage.



PURE DIGITAL
FIBERLINK®

Two Channel
Video Multiplexer
7030 Series

VIDEO SPECIFICATIONS:

Number of channels:	2
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	7030-Bxy
Transmitter Rack Card	7030-Cxy
Receiver Stand Alone Box	7031-Bxy
Receiver Rack Card	7031-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 Two Channel Video system is backed by a three-year warranty on parts and labor plus a 30-day satisfaction guarantee.