

PRELIMINARY SPECIFICATIONS

All digital processing and transmission of a single composite video signal using 10-bit quantizing

The Pure Digital Fiberlink® 7100 Series for one-way video uses all digital 10-bit processing techniques to transmit a single channel of composite video over single mode or multimode fiber. Offering all the advantages of a digital system at traditional analog prices, the 7100 series features 15 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 a video signal. The system is available in box or card version. Card units fill one slot in the model 6000A card cage.

MODELS AVAILABLE:

- Multimode or single mode
- One fiber per signal
- 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: 1
- Meets RS-250C short haul specification

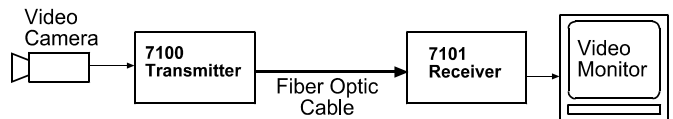


PHOTO NOT AVAILABLE AT TIME OF PRINTING

VIDEO SPECIFICATIONS:

Number of quantizing bits:	10
Frequency Response:	15 MHz (-3 dB)
Differential Gain and Phase:	1%; 0.5 deg
Signal-to-Noise Ratio:	67dB (CCIR weighted)
Input/Output Impedance:	75 Ohms

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 nm MM	0-20	0-.75
1310 nm MM	0-25	0-2
1310 nm SM	0-25	0-60
1550 nm 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	7100-Bxy
Transmitter Rack Card	7100-Cxy
Receiver Stand Alone Box	7101-Bxy
Receiver Rack Card	7101-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 One-Way Wideband Video system is backed by a three-year warranty on parts and labor plus a 30-day satisfaction guarantee.