

All digital processing and transmission of a single composite video signal

The Pure Digital Fiberlink® 3400 Series for one-way video uses all digital 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 3400 series features 8 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.

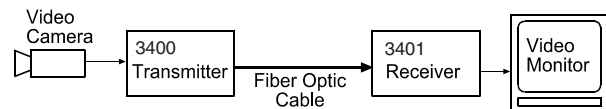
Systems consist of two units (transmitter and receiver), each equipped with indicator LEDs to continuously indicate the presence of power and a video signal. The system is available in box or card version. Card units fill one slot in the model 6000A card cage. A dual channel rack card version is also available, which transmits two independent channels over two separate fibers on one card. This option provides for a high density rack system.

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



PURE DIGITAL
FIBERLINK®

One-Way Video
3400 Series



VIDEO SPECIFICATIONS:

Number of channels:	Box: 1; Card: 1 or 2
Frequency Response:	8 MHz (-3 dB)
Differential Gain and Phase:	1%; 0.5 deg
Signal-to-Noise Ratio:	67dB - NTSC; 62dB - PAL/SECAM

GENERAL SPECIFICATIONS:

Number of fibers:	Box: 1; Card: 1 or 2
Operating Wavelength:	850, 1310 or 1550 nm
Power Requirements:	9-24 Volts AC or DC, 5 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	0-3
1310 nm MM	0-12	0-12
1310 nm SM	0-27	0-50
1550 nm SM	0-27	0-60

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

ORDERING INFORMATION:

Single Channel Transmitter Stand Alone Box	3400-Bxy
Single Channel Transmitter Rack Card	3400-Cxy
Dual Channel Transmitter Rack Card	3402-Cxy
Single Channel Receiver Stand Alone Box	3401-Bxy
Single Channel Receiver Rack Card	3401-Cxy
Dual Channel Receiver Rack Card	3403-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 Video system is backed by a three-year warranty on parts and labor plus a 30-day satisfaction guarantee.