

Video Specifications

Input Type	DVI-D or DVI-I (digital signal only) single link
Number of Video Channels	1 single-link DVI-D up to 1920x1200
Video Processing	24 bits, no compression or scaling
DVI Input Loop-through	Yes; both box & card versions
EDID (DDC) Support	From loop-through, internal or capture & storage capability
Pixel Clock Range	25 - 165 MHz, continuous
Scanning System Supported	Progressive or Interlaced
Color Space Format Supported	RGB or YPrPb
Maximum Input Cable Length	45 Feet (13.72m)
Maximum Output Cable Length	16 Feet (5m)
Number of DVI Outputs	2 on box version, 1 on card version

Audio Specifications

Number of Audio Channels	2, unbalanced
Frequency Response	+0/-0.5 dB, 20 Hz - 20 kHz
Bits-per-Sample/Sampling Rate	24 bits; >48 kHz
Maximum Audio Level	+10 dBu
SNR (A-Weighted)	100 dB
THD+N	0.001%, 20 Hz - 20 kHz
Channel Phase Differential	±0.1°
Crosstalk	100 dB (1 kHz)
Input Impedance	>24K Ohms
Output Impedance	< 1 Ohm
Audio to Video Diff. Delay (skew)	300 uSec

General Specifications

LED Indicators	Power, Video, Audio, Alarm LED (card version only)
Power Requirements*	9-24 volts AC or DC, 10 watts
Operating Temperature Range	-20°C to +45°C
Optical Connector	7510/7511: ST x 1 7512: ST x 2
Operating Wavelength	SM: CWDM (1300-1600nm band) MM: CWDM (850nm band)
Physical Size	6.5 W x 1.15 H x 8 L (inches) 165 W x 29 H x 203 L (mm)
Weight	1 lb. (0.455 kg)
Slots filled in 6000A Card Cage	3

*For operation from 95-250 volts AC, 50/60 Hz, a PDPS-2 plug-in adapter is required.

FIBERLINK®

VIDEO, AUDIO & DATA OVER FIBER

7510 DVI Series



Schedule
Contract GS-03F-5063C



Operating Loss Budget & Maximum Usable Distance*

Wavelength	Loss(dB)	Distance (km)
1310 SM	0-15	15
850 MM	0-8	0.75 (50u) 0.35 (62.5u)
850 MM Dual Optical Output Version	0-4	0.60 (50u) 0.30 (62.5u)

SM = Single Mode Fiber

MM = Multimode Fiber

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



Backed by a 30-day satisfaction guarantee and a three-year limited warranty on parts and labor. See website for terms and conditions.



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