





### 3800 Composite Video Series



Schedule  
Contract GS-03F-5063C



### Operating Loss Budget & Maximum Usable Distance\*

Wavelength	Loss(dB)	Distance (km)
<i>One Fiber Version</i>		
1310 MM	0-10	0-4
1310 SM	0-19	0-45
1550 SM	11-26	40-65
<i>Two Fiber Version</i>		
850 MM	0-16	0-2
1310 MM	0-15	0-15
1310 SM	0-20	0-50
1550 SM	11-28	35-90

sm = Single Mode Fiber  
mm = MultiMode Fiber

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

### Video Specifications

Frequency Response	8 MHz (-3 dB)
Input/Output Impedance	75 Ohms
Normal Input/Output Voltage	1V p-p nom., 1.1V p-p max.
Differential Gain	1.5 %
Differential Phase	1.0° typical
Signal-to-Noise Ratio	60 dB CCIR weighted typical
Video Connectors	BNC

### Data Specifications

Data Bandwidth	115 Kb/sec, max.
Control Format	RS-232, RS-422, RS-485 (2-wire and 4-wire), switch selectable
Protocols	NRZ, NRZI, RZ, Manchester, Bi-phase
Data Connectors	Terminal Block

### General Specifications

Operating Wavelength	850, 1310 and 1550 nm
Number of Fibers	1 or 2
Signal Connectors	Optical: ST and FCPC;
Operating Temperature	-35° to +74° C
Relative Humidity	10% - 90% (non-condensing)
Operating Power*	9-24 volts AC or DC, 5 watts
Physical Size	1.2 H x 5 W x 7 D (inches) 30 H x 127 W x 178 D (mm)
Weight	approx. 1 lb.; 0.45 kg
Slots Filled in 6000A Card Cage	1

\* For operation from 95-250VAC, 50/60Hz, a PDPS-1 plug-in adapter is required

### Want to learn more about fiber?

Log on to [commspecial.com](http://commspecial.com) for fiber related resources written for Pro A/V Professionals by Pro A/V Professionals!



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

### Sales



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