

Redundant IRIG Switch

RSW-2002

For Fail-Safe Redundant IRIG Applications

The **Litelink**® RSW-2002 is a two input single output automatic switch designed to implement a redundant, fail-safe IRIG signal transmission. The RSW-2002 may be used with any fiber optic system to implement a redundant, fail-safe video transmission system.

Upon loss of the primary IRIG signal, the RSW-2002 will automatically switch the remaining secondary (backup) IRIG signal to the output as well as activate the front panel alarm indicator and ALM-1000 Alarm Sensing Unit if used. Indicators are provided to continuously indicate the presence of video signals in each channel as well as the presence of operating power making system troubleshooting simple.



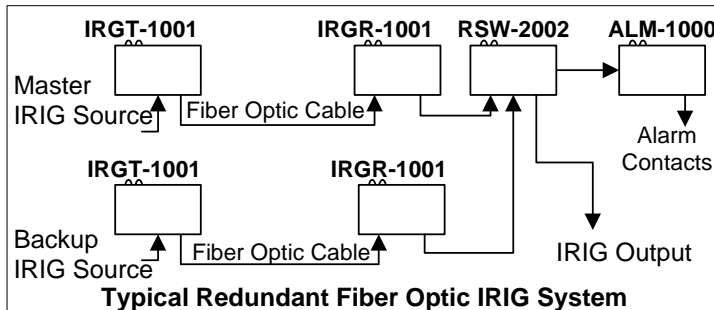
Technical Specifications

Compatibility	IRIG A-H
Bandwidth (per channel)	100 Hz to 1 MHz (+0, -3dB)
Input / Output Levels	3 volt peak to peak
Input / Output Impedances	600 ohms
Differential Gain	0.5% maximum
Phase Shift	0.3° maximum
Switch-Over Time	10 milliseconds maximum
Signal/Noise Ratio	75 dB minimum
Signal Connectors	BNC
Indicators	Power, Input 1, Input 2, Alarm
Operating Temperature	-35° to +75°C
Humidity	<95% non condensing
MTBF (per MIL HBK 217)	>120,000 hours
Power Requirements*	11-24 VAC/DC @ 150 mA
Physical Size (mm)	5.0"(127)x3.0"(76)x1.0"(25.4)

Important Feature

- **100 Hz to 1 MHz Bandwidth**
- **Auto or Manual operation**
- **Signal & Power Indicators**
- **Alarm output with ALM-1000**
- **Stand-alone, DIN or Rack Mountable (same unit)**

Note that all specifications are subject to change without prior notice.



Ordering Information

Redundant Video Switch

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*For stand-alone operation order a PS-1205 power supply.

*For rack mounted operation all operating power is provided by the power supply used with the rack panel.

Litelink®
Fiber Optic Transmission Systems

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