

IRIG Time Code Distribution

IRGM-2504

For High Quality IRIG Signal Distribution

The **LuxLink®** IRGM-2504 is a distribution amplifier (DA) that accepts an electrical modulated IRIG A through H, NASA-36 and IEEE 1344 input signals and produces four individual electrical output signals for distribution over four separate coaxial cables to other IRIG receivers. If an optical IRIG distribution amplifier is required see the IRGM-1004.

Integral indicators are also provided to continuously indicate the presence of IRIG signals as well as the presence of operating power making system troubleshooting simple. Units can be mounted in our 1U, 2U, or 3U rack panels, and may be daisy chained providing multiple outputs (e.g. 3 units in a 1U rack yields 10 outputs).



Technical Specifications

System Bandwidth	100 Hz to 500 KHz
Input / Output Impedance	50 ohms
Input / Output Level	3 volts pp maximum
Protocols	IRIG A,B,D,E,H
Output Drive Current	50 mA per output
Signal/Noise Ratio	60dB minimum
Linearity and THD	2% typical
Signal Connector	BNC
Propagation Delay	5 ns
Output Channel Isolation	> 40 dB
Offset between outputs	< 0.5 ns
Operating Temperature	-35° to +75°C
Humidity	<95% non condensing
MTBF (per MIL HBK 217)	>120,000 hours
Power Requirements	11-24 VAC/DC @350 mA
Physical Size (mm)	5.0"(127)x3.0"(76)x1.0"(25.4)

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

Important Features

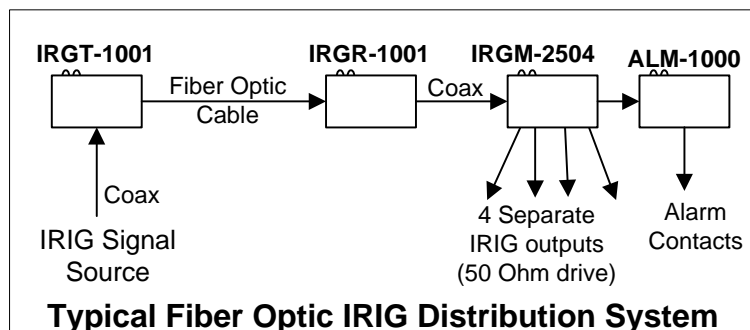
- **4 Buffered Outputs**
- **Cost effective**
- **Signal & Power Indicators**
- **Stand-alone or Rack Mountable (same unit)**
- **DIN Rail Adapter Available**

Ordering Information

IRGM-2504

For stand-alone operation order a PS-1205 power supply for each unit.

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



LuxLink®

Fiber Optic Transmission Systems

www.LuxLink.com
USA 516-931-2800