

VIDEO DISTRIBUTION AMPLIFIER

VM-2004

For Video Distribution Applications

The **Litelink**® VM-2004 is a single input, four-output wide-band video distribution amplifier designed for those applications where a single video source must be routed to three separate locations. Although not a fiber optic system per se, the VM-2004 may be used with any fiber optic transmission system where multiple video signals are required.

In addition to providing three separate outputs indicator LEDs are provided to continuously indicate the presence of an input video signal, the loss of the input signal and the presence of operating power making system troubleshooting simple.



Technical Specifications

Compatibility	NTSC, PAL, SECAM
Video Bandwidth (per channel)	DC to 100 MHz (+0, -3dB)
Video Input / Output Levels	1Volt peak to peak
Input / Output Impedance	75 ohms
Differential Gain*	0.5% maximum
Differential Phase*	0.5° maximum
Field Tilt*	1% maximum
Signal/Noise Ratio	75 dB minimum
Output Channel Isolation	> 40 dB
Signal Connectors	BNC
Indicators	Power, Signal, 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) x 3.0" (76) x 1.0" (25.4)

*Measured with 1Km of 62.5u multimode fiber.

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

- **DC to 100 MHz Video Bandwidth**
- **Fully Adjustment Free**
- **Signal & Power Indicators**
- **Stand-alone, DIN or Rack Mountable (same unit)**

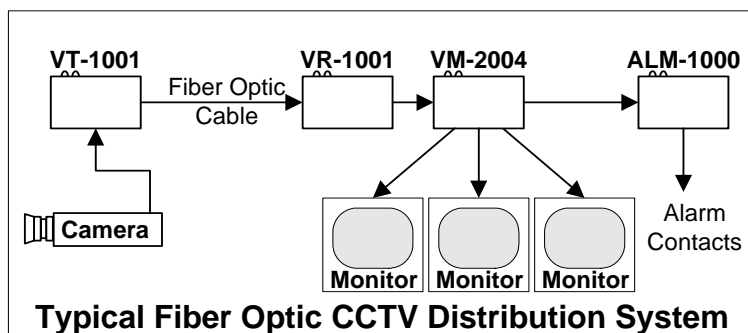
Ordering Information

Video Distribution Amplifier

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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

www.LiteLink.com
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