

Press Release

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Release Date: Immediate



DVM-4000 Series 4 Video and 16 Audio Channel Fiber Optic Link

The DVM-4200 Video and Audio Fiber Optic Transport provides state-of-the-art performance exceeding RS250C Short-haul and Broadcast Specifications. The system will support 4 video, 16 audio and 4 data channels. A one rack-unit, modular tray will house up to three DVM-4200, DVM-8200 or DIM-8200 cards.

The **video Signal to Noise** ratio is greater than **75 dB** and a **Signal to Quantizing Noise** ratio of greater than **71 dB**. The video **bandwidth** of **8 MHz** support of NTSC, PAL, SECAM and video with diplexed audio carriers at 4.5 MHz, 5.8 MHz and 6.4 MHz. The **Differential Gain** and **Phase** is less than of **0.3%** and **0.3°**, respectively. The DVM-4000 supports **24 Bit Stereo Audio** flat from **20 to 20K Hz** with **S/N** greater than **90 dB** and **THD** less than **0.05%**. The systems supports **110/220 VAC** and optionally for **48 VDC**.



The **Optical budget** exceeds **30 dBm**. The system is available with 1310nm and 1550nm wavelength Lasers for WDM application. Coarse-Wave Division Multiplexing is available with 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610nm wavelength Lasers.

Applications include links from studio to transmitter (**STL**), studio to studio, studio to CATV head- end, distance learning, satellite up and down links, common carrier transport, Telco circuits, distance learning, **Intelligent Transportation Systems** and back-haul feeds from special events.

For product information and sales, please call **MULTIDYNE** at **1-(800)-4TV-TEST**, 1-(516)-671-7278, FAX 1-(516)-671-3362 or write to the above address. Visit our **Web Site** at <http://www.multidyne.com> or send **E-Mail** to sales@multidyne.com. We welcome the opportunity to do business with your company. Thank you.

Please download the data sheet at:

<http://www.multidyne.com/pdf/DVM4200.pdf>

Photo and images available at:

<http://www.multidyne.com/images/hydra8000new.jpg>