

**Video BNC Coax to ST Fiber media converters extend high definition video signal transmission distance**

**VMC Series**



**Product Overview**

VMC Video Media Converter modules offer extended distance over singlemode fiber for high-speed serial digital video links for multi-protocol HD/SD/DVB/ASI video applications with data transfer rates up to 1.485 Gbps

**Key Features**

- SMPTE 292M Compliant (up to 1.485Gbps)
- SMPTE 259M/297M/305M Compliant (up to 540Mbps)
- DVB/ASI Compliant
- ATSC/SMPTE 310M Compliant (19.4 to 38.8Mbps)
- RoHS-6 Compliant

**Key Features**

- Error Free Pathological Pattern Operation
- Rugged Die Cast/Over Molded Construction
- Unit to Unit Pitch (Port Density) of 0.75"
- Rugged "ST" Simplex Optical Interface with Dust Cover
- Transmitter: Line Equalized 75 ohm BNC (Male) Simplex Electrical Interface
- Receiver: Re-Clocked/Line Driven 75 ohm BNC (Male) Simplex Electrical Interface
- 0°C to +70°C Operating Case Temperature
- +4.5 to +16VDC Power Supply (Sold Separately, Note1)
- 1.0W (maximum) Power Dissipation
- Available Separately: Digital Diagnostics Monitoring Interface: Real Time Access to Operating Parameters and Alarm Flag

Transmitter				Receiver			Link Distance (Note 2)		Shipping Dimension	Shipping Weight
Part Number	Optical Transmit Power, dBm			Part Number	Optical Input Power, dBm		Min	Typ	16.25 x 11.25 x 4.25 inch 41 x 29 x 11 cm	1.1 lb 477 g
	Min	Typ	Max		Min	Max				
<b>VMC-T-H-2</b> HD 1310nm FP Laser	-9	-6	-3	<b>VMC-R-H-2</b> HD PIN Pre-Amp	-20	-2	16 km 10 mi	33 km 21 mi		
<b>VMC-T-S-2</b> SD 1310nm FP Laser	-9	-6	-3	<b>VMC-R-S-2</b> SD PIN Pre-Amp	-23	-2	29 km 18 mi	43 km 27mi		

Note 1: Power Supply Part Number: **VMC-PS-X** is sold separately (Specify "X" for wall plug: A = Australia, D = US, E = Europe and U = UK.)

Note 2: The specified minimum link distances are based on worst case IEEE link budget models with color bar test signal at 140/170/270/360/1485 Mbps. The minimum link distances will be reduced with SDI test matrix.

Product information is subject to change without notice. Contact Stratos for current product information.



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