

MC2 SERIES 3G/HD/SDI VIDEO BNC- ST MEDIA CONVERTERS



MC2 Video Media Converter modules offer extended distance over single- mode fiber for high-speed serial digital video links for multi-protocol 3G/HD/SD/ DVB/ASI video applications with data transfer rates up to 2.97Gbps



MC2 Series Transmitter and Receiver

KEY FEATURES

- SMPTE 424M Compliant (up to 2.97Gbps)
- SMPTE 297M Optical Interface Compliant
- SMPTE 292M Compliant (Up to 1.485Gbps)
- SMPTE 259M/297M/305M Compatible (Up to 540 Mbps)
- DVB/ASI Compatible
- ATSC/SMPTE 310M Compatible (19.4 to 38.8 Mbps)
- Error Free Uncompressed SDI Pathological Pattern Operation
- +4.5 to 24 VDC Operating Voltage Range
- Power Supply Sold Separately or Included in Kit models
- RoHS-6 Compliant
- Rugged Construction
- Easy to Understand OLED Displays Simple, Real Time Operating Parameters and Diagnostics
- Status LED
- 75ohm BNC Plug Electrical Interface
- Line Equalizer on TX
- Cable Driver on RX
- ST Physical Contact Optical Interface
- +4.5 to 24 VDC Input Voltage
- TX Power Dissipation: 1.75 W
- RX Power Dissipation: 1.4 W
- 0°C to +70°C Operating Case Temperature

ORDERING INFORMATION

Transmitter & Kit Part Numbers	Optical Transmit Power (dBm)			Receiver Optical Input Power (dBm)	Link Distance @ 2.97Gbps Min / Typ	Shipping Dimensions and Weight (each)
	Min	Typ	Max			
MC2-T-P-2-F1 3G/HD/SD 1310nm FP Laser Transmitter	-9	-5	-3	-18.5 / +0	10 / 25 km 6 / 15 mi	16.25 x 11.25 x 4.25 inch 41 x 29 x 11 cm 1.1 lb/477 g
MC2-K-P-2-F1 Kit: MC2-T-P-2-F1 Transmitter, MC2-R-P-2-F1 Receiver and two VMDA-PS-5 Power Supplies	-9	-5	-3	-18.5 / +0	10 / 25 km 6 / 15 mi	16.25 x 11.25 x 4.25 inch 41 x 29 x 11 cm 3.1 lb/1.4 kg

Receiver Part Number

MC2-R-P-2-F1

3G/HD/SD PIN Pre-Amp
1260-1620nm Receiver

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