VQTXD-040-SMM/VQTXD-040-RMM 4 Input Fibre Optic Video Transmitter With Bi-Directional Data channel

Product Features

- 8-Bit Uncompressed Digitally Encoded Video
- 4 Video Channels and Bi-directional Data Channel over a Single Fibre
- Bi-directional RS-485 or RS-422 channel
- **Multimode** Fibre Distance up to 2km
- Adjustment-free installation and operation
- Compatible with NTSC, PAL and SECAM Video standards
- LED indicators for system monitoring
- Wavelength Division Multiplexing (WDM)
- 5 year warranty

Digital Fibre Optic Video Transmitter	VQTXD-040-SMM	VQTXD-040-RMM
Product Description	Four channel 8-bit uncompressed digital video transmitter with data channel for Multimode applications	
Technical Specifications:		
Video		
Video input:	Four, 1 Volt p-p, 75 Ohm	
Bandwidth:	5Hz - 8MHz	
Encoding:	8-bit digital, uncompressed	
Differential gain:	< 2%	
Differential phase:	< 1°	
Tilt:	< 1%	
Signal to noise ratio:	> 60dB	
Connector:	BNC	
Data		
Channel 1:	RS-485 or RS-422	
Data rate:	300Kbps	
Bit Error Rate:	10^{-9}	
Connector:	5-way removable screw terminal	
Optical		
Optical emitter:	Laser	
Optical output:	1310 / 1470nm Multimode	
Output power:	-8 dBm; 2km Multimode	
Receiver sensitivity:	-30 dBm; 2km Multimode	
Connector:	ST	
Number of fibres:	1	
General		
Power supply:	12Vdc 1A (external 220Vac PSU supplied)	12Vdc 1A
Operating temperature:	-30°C to 50°C	
Operating humidity:	0% to 95%; non-condensing	
Dimensions (mm):	130 x 152 x 29	Cage card for VRX-RACK-V2

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