

## VOTXD-040-SMM 8 Input Fibre Optic Video Transmitter With Bi-Directional Data channel

### Product Features

- 8-Bit Uncompressed Digitally Encoded Video
- 8 Video Channels and Bi-directional Data Channel over a Single Fibre
- Bi-directional RS-485 or RS-422 channel
- **Multimode** Fibre Distance up to 1.5km
- 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	VOTXD-040-SMM
<b>Product Description</b>	Eight channel 8-bit uncompressed digital video transmitter with data channel for Multimode applications
<b>Technical Specifications:</b>	
<b>Video</b>	
Video input:	Eight, 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
<b>Data</b>	
Channel 1:	RS-485 or RS-422
Data rate:	300Kbps
Bit Error Rate:	10 <sup>-9</sup>
Connector:	5-way removable screw terminal
<b>Optical</b>	
Optical emitter:	Laser
Optical output:	1310 / 1470nm Multimode
Output power:	-8 dBm; 1.5km Multimode
Receiver sensitivity:	-30 dBm; 1.5km Multimode
Connector:	ST
Number of fibres:	1
<b>General</b>	
Power supply:	12Vdc 1A (external 220Vac PSU supplied)
Operating temperature:	-30°C to 50°C
Operating humidity:	0% to 95%; non-condensing
Dimensions (mm):	130 x 152 x 50