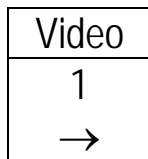


# ECT3000 SERIES

## ECT3001 SDI & HD-SDI SERIAL DIGITAL VIDEO LINK



ECT3001 system provides high performance link for non-reclocking transmitting a unidirectional SDI, HD-SDI or HDTV serial digital video signal over a fiber optic cable. The product is designed to be mounted on a BNC on any piece of digital video equipment. A low cost unit for the transmission of HDTV 1.485 Gb/s signals over fiber optic cable.

Ideal for routing switcher upgrades where a cost effective means of converting to fibre optics is required and rack space is at a premium.

### ORDERING INFORMATION

3001E-SDVT-M1Z – Transmitter module  
 3001E-SDVR-M1Z – Receiver module

E = M for multimode  
 = S for singlemode 1310nm  
 = S(15) for singlemode 1550nm  
 Z = ST, FC optical connectors

### FEATURES

- ❑ SDI, HD-SDI or HDTV Signal Compatible
- ❑ Supports Data Rates of Up to 1.5 Gb/sec
- ❑ Multimode and Singlemode Versions
- ❑ Mounts on a BNC on Any Piece of Digital Video Equipment
- ❑ Power and Link Status Indicators

Fiber Type	Multimode		Singlemode
Optical Core Diameter	50μ	62.5μ	8/10μ
Operating Wavelength	850 nm		1310 or 1550 nm
Optical Power Source	Laser (VCSEL)		Laser
Optical Power Output	-6 dBm*		-4 dBm*
Receiver Sensitivity	-18 dBm		-23 dBm
Attenuation Budget	12 dB		19 dB
Optical Connectors	ST		ST, FC

\* higher power laser sources are available per special request

SDI Input	BNC SMPTE 259M
HDTV Input	BNC SMPTE 292M
Serial Data Range	2.5Mb/sec – 1.5Gb/sec
Power Requirements	6 - 7 V DC @ 0.2A
Operating Temperature	-30°C to +70°C (-22°F to +158°F)
Dimensions (without optical connector)	2.73"(69.4mm) x 0.93"(23.5mm) x 1.0"(25.4mm)



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