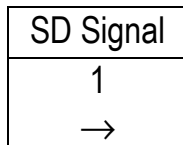
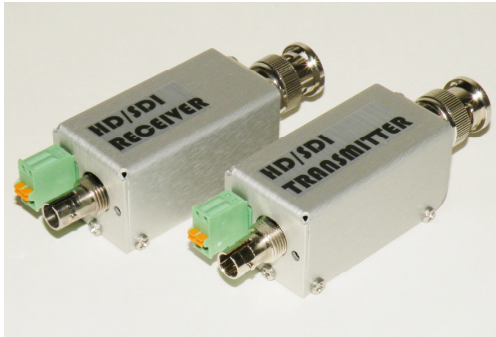


ECT3000 SERIES

ECT3001

SDI, HD-SDI, HDTV & ASI SERIAL DATA SIGNAL LINK



ECT3001 system provides high performance link for non-reclocking transmitting a unidirectional SDI, HD-SDI, HDTV or ASI serial data 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 fiber optics is required and rack space is at a premium.

ORDERING INFORMATION

3001E-SDT-M1Z – Transmitter module

3001E-SDR-M1Z – Receiver module

- E** = **M** for multimode 850nm
- = **S** for single mode receiver or 1310nm transmitter
- = **SP** for high power (0 dBm) 1310nm transmitter
- = **S(15)** for single mode 1550nm transmitter
- = **S(15)P** for high power (0 dBm) 1550nm transmitter
- = **S(15)D** for 1550nm/DFB transmitter
- = **S(15)DP** for high power (0 dBm) 1550nm/DFB transmitter
- Z** = **ST, FC** optical connectors

FEATURES

- ❑ SDI, HD-SDI, HDTV & ASI 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	-3 dBm*		-3 dBm*
Receiver Sensitivity	-18 dBm		-21 dBm
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)



Elcommtech Corp. 2620 Ocean Parkway, Suite 4H, Brooklyn, NY 11235
 Tel: (718) 743-2869 • Fax: (718) 648-3642 • E-mail: sales@elcommtech.com
<http://www.elcommtech.com>