

VIDEO MULTIPLEXER



Video/Audio Optical Converters ST-2403-FA

Over View

- * Constant input optical power, and large dynamic range no Electrical or Optical Adjustments Required .
- * Automatic compatible PAL, NTSC and SECAM video system
- * Directly compatible with NTSC, PAL, and SECAM CCTV camera systems and support RS-232, RS-422, and RS-485 data protocols
- * Support no-damage regenerative trunk of video
- * Special ASIC design
- * Stand-alone type or card-type installed in 19" 2U or 4U rack-mount chassis.
- * Support no-damage regenerative trunk of video

Technical Specification

Video channels	2 channel
Automatic compatible video system	PAL, NTSC, SECAM
Video input /output impedance	75 Ω
Video signal-to-noise ratio	≥ 67 dB
Differential gain	(10%-90%APL) DG <1% (Typical value)
Differential phase	(10%-90%APL) DP <0.7% (Typical value)
Video connector	BNC
Video bandwidth	5-7.5 MHz
Fiber-optic Specification	F/O connector: FC/ST/SC Transmitter Tx Power:-15 ~ -8dBm Sensitivity : -35dBm Receiver Tx Power:-15 ~ -8dBm Sensitivity : -35dBm Transmission Distance :20KM (single mode) Operating Wavelength: TX1310/RX1550nm (Transmitter) TX1550/RX1310nm (Receiver)

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Specification of custom-made options

Data	Connector: Terminal Blocks Encoded type : RS485 / RS422 / RS232 / Manchester Data rate : 0 - 400Kbps, BER: $\leq 10^{-9}$
Audio	Connector: Terminal Blocks Audio input / output impedance : 600 Ω (Balance/ unbalance) Audio input / output voltage : 2Vp-p (typical value) Audio input / output level : 0dBm (typical value) Video bandwidth: 10HZ~12KHZ Audio digital encoded bandwidth : 24bit Audio signal-to-noise ratio: S/N ≥ 95 dB (weighted)
Telephone	Connector: RJ11 Bandwidth : 8KHZ Features: Support call-showing function ;support H-F Operating mode : Point to point hotline mode / FXS-FXO
Ethernet	Connector: RJ45 Support mode : Half duplex or Full duplex Standards: IEEE802.3 Data rate : 10M / 100Mbps Bandwidth: 25M

Dimensions:	11.1(L)x10.7(W)x2.8(H)
Operating Voltage:	DC5V (we will offer external power supply from AC96-240V to DC5V for each unit)
Operating Temperature:	-10* to +75*
Storing Temperature :	-55* to +85*
Humidity:	0 to 95% non-condensing
MTBF :	$\geq 10^5$ hours
Warranty :	3 years

Applications :

Intelligent Transportation System
Connection of Sub-network for Surveillance Center
Public Security Surveillance
High Way & Toll Station Surveillance
Industrial Closed Circuit Television Surveillanc.



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