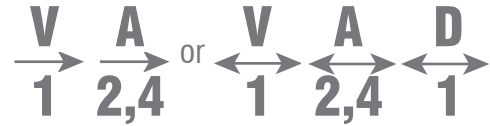




# 250E/260E

**Compact Broadcast Quality Audio/Video/Data Transport Systems**



***“High performance and affordable solutions for your broadcast quality analog video/audio/data transmission.”***

### Applications

Broadcast Video Distribution

Studio to Transmitter Link

Distance Learning

### Features

Exceeds 250C Short Haul Video Specifications

Digital Encoded Fiber Optic Links

Compact, Standalone Packaging

**1 Fiber Solution also Available (WDM)**

**CWDM Optics Available**

The 250E/260E Series is a high performance transmission system capable of carrying simultaneous unidirectional or bi-directional broadcast quality analog video, audio, and/or data transmissions over singlemode or multimode fiber.

The standard single channel models (250E/260E) are capable of carrying one broadcast quality analog video, two audio channels, and one serial data (RS-232/RS-422) channel. The video quality in the 250E/260E system meets broadcast quality video specifications, while the audio specifications exceed professional standards. The 250E/260E requires no user adjustments, thus enabling a quick and easy setup, offering trouble-free operation.

The 250E/260E comes in a rugged, standalone version available in a compact unit or a plug in-card for a card cage system. Panel connectors are provided for video (BNC), audio (terminal block), data (terminal block), and fiber connections (FC-type for singlemode fiber or ST-type for multimode fiber). They are also easily monitored by separate LED indicators for power, optical link, and channel activity.

Due to its digital transmission design, the 250E/260E is capable of addressing a variety of non-standard configurations, available upon request. To order a customized version or OEM/private brand name, contact us at (800) 214-0222, for further information.



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# 250E/260E

## Broadcast Transmission Systems



Compact Broadcast Quality Audio/Video/Data Transport Systems

### Video

Channel Capacity	1
Signal Resolution	12 Bits Digitized
Bandwidth	10MHz
Video Level	1.0Vp-p @ 75 Ohms
Differential Gain	<1.0%
Differential Phase	<0.50°
SNR (Weighted)	>70dB
Connector	BNC, 75 Ohms

### Audio

Channel Capacity	2 or 4
Operating Mode	Balanced or Unbalanced
Signal Resolution	24 Bits
Input/Output Impedance	600/600 Ohms (Balanced)
Max. Input/Output Level	+18dBm @ 600 Ohms (Balanced)
Magnitude Freq. Response	20Hz to 20kHz @ -1 dB
THD+N	>85dB @ 1kHz
Connector	Terminal Block

### Serial Data

Channel Capacity	1
Signal Format	RS-232 or RS-422
Operating Mode	Full Duplex with Handshake
Data Rate	Up to 128kbps
Connector	Terminal Block

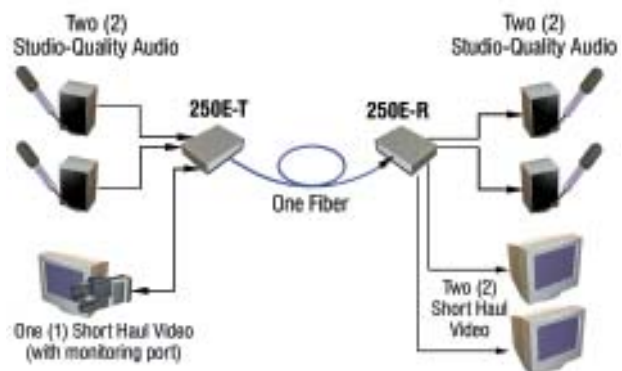
### Physical

Dimension: (H x W x D)	
Standalone/external power	2" x 4.36" x 8.75"
Standalone/internal power	1.72" x 17.03" x 12.0"
Card-cage Plug-in Card	5.24" x 0.94" x 11.6"
Power	12 VDC @ 1.5 A
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-condensing
Status Indicators	Power, Optical Link, Video/Audio/Data Activity

### Optical

Fiber Type	Multimode and Singlemode
Number of Fibers	2 or 1
Wavelength	850, 1310 and/or 1550 nm
Fiber Optic Connector	ST (Multimode) FC (Singlemode)

### Application



Typical Unidirectional Application

### Ordering Information

250E-T-M-SC	Transmitter, Multimode, 1-Fiber	
250E-R-M-SC	Receiver, Multimode, 1-Fiber	
260E-TRX-M-SC	Transceiver, Multimode, 2-Fiber	

(Change -M to -S for Singlemode)

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Subject to continued product enhancement, we reserve the right to change the above specifications and description without notice.

