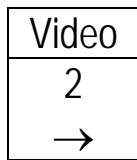


ECT200B DUAL VIDEO FM OPTICAL LINK WITH 26 MHZ CHANNEL BANDWIDTH



ECT200B system provides high performance link for transmitting of two composite video signals over one or two fiber optic cables. The system features CCTV professional video quality and guarantees quality transmission of video signals with maximum bandwidth up to 26 MHz.

The system is designed for transmission of high resolution video signals (700+ TVL) and other special applications that may require wide band transmission path.

All ECT200B transmitter/receiver cards are fully compatible with any ECT100B-MM and ECT100B type systems allowing for mixed configurations when required.

ECT200B utilizes linear frequency modulation and very low noise transmission technology to assure high quality and stability.

ORDERING INFORMATION

200BE-VU-M(P)YZ - standalone module

- E = M for multimode 850nm, 850/1300nm
- = M(13) for multimode 1300nm
- = S for single mode 1310nm, 1310/1550nm
- = S(15) for single mode 1550nm
- U = T for transmitter, R for receiver, X for transceiver
- P = 6.5 for 6-7VDC power option, 12 for 10-15VDC power option
- Y = 1 for single fiber system
- = 2 for dual fiber system
- Z = ST, FC or SC connectors

FEATURES

- ❑ CCTV Professional Video Quality
- ❑ Up to 26 MHz Video Bandwidth
- ❑ Balanced Video Input
- ❑ Compatible with NTSC, PAL and SECAM Transmission
- ❑ Two Video Channels per Standalone Module
- ❑ Multimode and Singlemode Versions
- ❑ Power and Signal Status Indicators

Operating Wavelength	850 nm	1300 nm	1310/1550nm
Optical Core Diameter	50μ/62.5μ		8/10μ
Optical Power Source	VCSEL	LED	Laser
Optical Power Output*	-8 dBm	-14 dBm	-8 dBm
Receiver Sensitivity	-28 dBm	-30 dBm	-30 dBm
Receiver Sensitivity**	-26 dBm	-28 dBm	-28 dBm
Optical Connectors	ST, SC		FC, ST, SC

* with +/- 1 dBm variation

** for one-fiber configuration with internal WDM

Video Bandwidth @1dB	26 MHz
Video Input	75 Ohm balanced
Video Output	75 Ohm unbalanced
Video Input Level	NTSC: 1.0 V p-p, PAL: 1.3 V p-p
Signal-to-Noise Ratio	66 dB*
Differential Gain	< 2 %
Differential Phase	< 2 °
Field Tilt	< 1 %
Luminance Non-Linearity	< 2%
Operating Temperature	-30°C to +70°C (-22°F to +158°F)
Power	6.5 VDC/0.5A or 12 VDC/0.3A

*measured as per RS-250C @ 1km, 62.5μ cable

