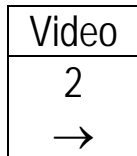


ECT200 DUAL CHANNEL FM VIDEO LINK



ECT200 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 14 MHz.

All ECT200 transmitter/receiver cards are fully compatible with any ECT100MM and ECT100 type systems allowing for mixed configurations when required.

ECT200 utilizes linear frequency modulation and very low noise transmission technology to assure high quality and stability.

ORDERING INFORMATION

200E-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, 12 for power option (for module only)
- Y = 1 for single fiber system
= 2 for dual fiber system
- Z = ST, FC or SC connectors

FEATURES

- ❑ CCTV Professional Video Quality
- ❑ 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	-33 dBm	-35 dBm	-35 dBm
Receiver Sensitivity**	-31 dBm	-33 dBm	-33 dBm
Optical Connectors	ST, SC		FC, ST, SC

* with +/- 1 dBm variation

** for one-fiber configuration with internal WDM

Video Bandwidth @1dB	14 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	68 dB*
Differential Gain	< 2 %
Differential Phase	< 2 °
Field Tilt	< 1 %
Luminance Non-Linearity	< 2%
K-2T Factor	< 1.0%
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

