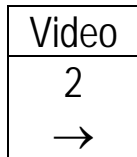


## ECT200 DUAL CHANNEL FM VIDEO LINK



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 14MHz. All ECT200 transmitter/receiver cards are fully compatible with any 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-VT-XYZ - transmitter  
 200E-VR-XYZ - receiver  
 200E-VX-XYZ - transceiver

E = M for multimode 850nm, 850/1300nm  
 = M(13) for multimode 1300nm  
 = S for singlemode 1310nm, 1310/1550nm  
 = S(15) for singlemode 1550nm

X = M for module  
 = C for rack card \*

Y = 1 for single fiber system  
 = 2 for dual fiber system

Z = ST, FC or SC\*\* connectors

\* compatible with USR type chassis

\*\* for modular style only

### FEATURES

- ❑ CCTV Professional Video Quality
- ❑ Balanced Video Input
- ❑ Compatible with NTSC, PAL and SECAM Transmission
- ❑ 2 Video Channels per Standalone Module or Rack Card
- ❑ 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	-34 dBm	-35 dBm	-37 dBm
Receiver Sensitivity**	-32 dBm	-33 dBm	-35 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	70 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	6.5VDC/0.5A for module 12VDC/0.3A for rack card

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



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