

Video Fiber Converter 4 Channel Coaxial to Single Fiber Optic Converter



Description

The Video Fiber Converter is designed to convert base band video signals to single-mode fiber optic. The Converter comes with Transmitter and Receiver and must be used in a pair. It can easily extend your video signal up to 80 kilo-meters. Linear modulation and wideband low-noise circuit design is to assure transmission quality to meet NTSC specifications.

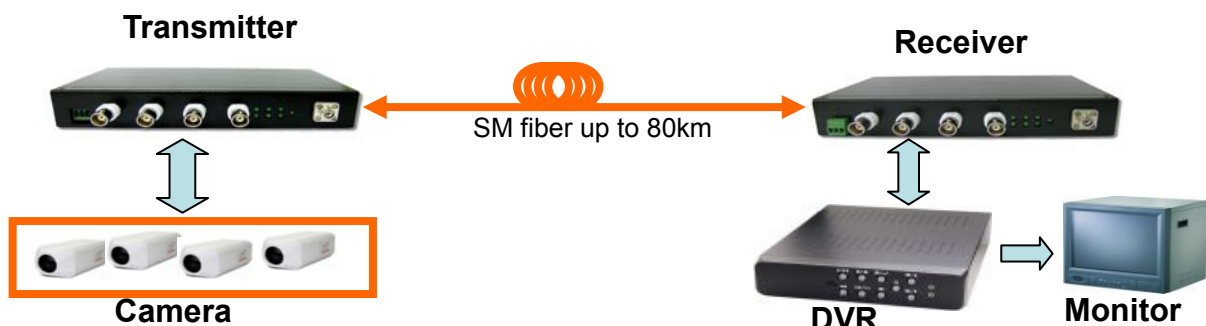
Features

- Long distance image transmission
- No RF Interference by optical fiber
- Class 1 laser product complies with EN 60825-1

Application

- Remote monitor for traffic or industrial control
- Surveillance
- Large video wall system

Application Note



Video Fiber Converter

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Specification

PARAMETER	SPECIFICATION	NOTE
Interface		
Transmitter unit	4 x BNC (Female)/ Input Signal 1 x FC Optical Connector/ Output Signal	
Receiver unit	4 x BNC (Female)/ Output Signal 1 x FC Optical Connector/ Input Signal	
Video Format	NTSC	
Band Width	8 MHz (Video)	
S/N	50dB	
Output Voltage	1Vpp (typical)	
Impedance	75 ohm unbalanced	
Control Line	RS485	
Power Supply	DC 5V	
Distance	-	
Cable Type	FC/FC patchcord	
Wave Length	1310/1550nm (Bidirection)	
Operating Temperature	-10 °C ~ +65 °C	
Storage Temperature	-20 °C ~ +85 °C	
Dimension	TX unit : TBD RX unit : TBD	L × W × H (mm)

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Ordering Information

Part Number	
VF-S05-02	Single Mode Fiber 2KM 4 x BNC (Female) 1 x FC Optical Connector 1 x RS485 uni-direction
VF-S05-20	Single Mode Fiber 20KM 4 x BNC (Female) 1 x FC Optical Connector 1 x RS485 uni-direction
VF-S05-40	Single Mode Fiber 40KM 4 x BNC (Female) 1 x FC Optical Connector 1 x RS485 uni-direction
VF-S05-80	Single Mode Fiber 80KM 4 x BNC (Female) 1 x FC Optical Connector 1 x RS485 uni-direction

* This product does not include optical fiber cable

Package include

- TX module x 1
- RX module x 1
- 5V adaptor x 2
- User manual