

Overview:

The Product provides customer with the most cost-effective solution for transmission of 2 channel uncompressed digital video, 1 reversed stereo audio and 1 reversed RS232/RS422/RS485 data over one single fiber cable. It is an easy installation and adjustment free device while providing high quality, real-time video. The product may also be maintained by our future product, FHC-6000M, a Network Management System.

Applications for this product include CCTV, video surveillance, homeland security, ITS and etc.

Features:

- Transport 2 channel digitized, high quality, uncompressed video
- ≤ 10 MHz video bandwidth, Compatible with NTSC, PAL and SECAM
- Provide 1 reversed stereo audio and 1 reversed data transmission over same optical fiber
- Easy installation and adjustment free
- Transmission range up to 120KM depending on model
- RS232/RS422/RS485 compatible data interfaces
- Stand alone operation or mount in Model FHC-6000-4U- chassis

Specifications

- Power:
220VAC/50Hz, standalone device
2.5A@6.5VDC for rack card
- Indicators:
Power, Link Status, Video Signal
Audio status, Data traffic
- Video:
Format: PAL/NTSC/SECAM
Video Signal: 1Vp-p, 75 Ω
Digitization: 8/10bits
Bandwidth 8MHz
DG <1%
DP <0.5o
SNR >60dB(weighted)
Connectors: 1 BNCs
- Physical Dimensions:
175*25.3*222(mm) Card
205*194*30(mm) Standalone
- Audio
Channel: 1 stereo audio
Audio Input: unbalanced, 600Ohms
Digitization: 16bit@48k
Frequency: 10Hz to 20KHz
SNR: >70dB
Connector: RCA
- Data:
Channel: 1, Reversed
Data Rate: 0~~180Kbps/channel
Selectable RS-232/RS-422/RS-485
Connector: RJ45
- Environment:
Operating: 0oC~+70oC
Storage: -40oC~+85oC
Humidity: 0-95% Non-Condensing

Typical Application

Order Information

Fiber Type	Video Transmitter	Video Receiver	Range	Comment
Multimode (62.5/125μm)	FHC-6200T	FHC-6200R	4Km	video only
	FHC-6200Tad	FHC-6200RAD	3Km	
Single Mode (09/125μm)	FHC-6200T	FHC-6200R	120Km	video only
	FHC-6200Tad	FHC6200RAD	40Km	
	FHC-6200Tad	FHC-6200TAD	80Km	
CWDM	FHC-6200T-W	FHC6200R-W	rrmKm	video only
	FHC-6200T-Wad	FHC-6200R-WAD	rrKm	