

Synergy Telecom P Ltd.

1 Channel Multifunction Video Optical Transmitter & Receiver



Detailed description :

Features:

Transport 1 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 100KM 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

1A@5VDC for rack card

Indicators:

Power, Link Status, Video Signal

Audio status, Data traffic

Video:

Format: PAL/NTSC/SECAM

Video Signal: 1Vp-p, 75Ω

Digitization: 8/10bits

Bandwidth 8MHz

DG <1%

DP <0.5o

SNR >60dB(weighted)

Connectors: 1 BNCs

Physical Dimensions:

175*25.3*222(mm) Card

100*57*21(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: -40°C~+75°C

Storage: -40°C~+85°C

Humidity: 0-95% Non-Condensing

Typical Application

Order Information

Fiber Type Video Transmitter Video Receiver Range Comment

Multimode

(62.5/125 μ m) FHC-6100T FHC-6100R 4Km video only

FHC-6100Tad FHC-6100RAD 3Km

Single Mode

(09/125 μ m) FHC-6100T FHC-6100R 120Km video only

FHC-6100Tad FHC6100RAD 40Km

FHC-6100Tad FHC-6100TAD 80Km

CWDM FHC-6100T-W HC6100R-W rrmKm video only

FHC-6100T-Wad FHC-6100R-WAD rrKm

Note: SC connectors standard, consult factory for other connectors.

Add -M at the end of model number for rack card product

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