

# Synergy Telecom P Ltd.

## 2 Channel Multifunction Video Optical Transmitter & Receiver



### Detailed description :

#### 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 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

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, 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

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: -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 $\mu$ m) FHC-6200T FHC-6200R 4Km video only

FHC-6200Tad FHC-6200RAD 3Km

Single Mode

(09/125 $\mu$ m) 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

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