**Product Name**

HDMI video transmitter and receiver over single mode single optical fiber, 1080p,-sc, 1310nm, 10km Pair

**Part No**

JTHDO-10

**Description**

Full digital video (HDMI) to Optical transceiver, it designed on real-time synchronize one-way high-definition HDMI video and data/switching value in single-core optical fiber and achieve lossless and high-quality transfer. Advanced high-stability components are used in optic circuit and core circuit of JT high-definition full digital video optical transmitter and receiver, and all optical/electric interfaces are in accordance with international standards, free from prior adjustment to mounting and applicable in various operating environments.

**FEATURES**

- FS3511-T/R supports WUXGA (1920 x 1200 @ 60 Hz) or 1080P/1080i/1080p
- Support HDTV highest resolution 1080P3
- Support HDMI interface, compatible with HDMI 1.2a standard
- Support input and output signal indicating
- Plug and Play
- VIDEO SPEC: 1080P 30 Hz
- CCTV
- Video Transmission
- Video monitor
- CATV

**APPLICATIONS**

- CCTV
- Video Transmission
- Video monitor
- CATV

**Number of Channels:**

1 channel

**Differential Gain:**

<1% (typical)

**Video Bandwidth:**

TMDS MAX 10.8GHz

**Video Interface:**

HDMI A Type

**Dimension:**

5”L x 3.375”W x 0.875”H; 0.5kg

**Power Consumption:**

8 W

**Differential Phase:**

<0.6° (typical)"1"

**HDMI version:**

1.0~1.2a,1.3,1.4

**Color depth:**

TMDS MAX 48 bit/px

**Supported Video:**

MAX 1080P@1920x1080/60Hz
Optical Fiber: Optical Port: FC UPC Single-Mode: up to 10Km Wavelength: 1310/1550nm

Operating Environment: Operating Voltage: AC 220V/ DC +5V