



HDMI FIBER OPTIC EXTENDER

MODEL: TWAX-208A

Preliminary Version Only

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Overview



The **TWAX-208A** Series HDMI Fiber optic extender provides extension of HDMI signals long distances over one fiber optic cable, it supports high resolution up to **1080P**. The extender can use for a wide range of applications requiring long distance transmission of high resolution with high quality by its good stability and powerful security.

2 Features

- Transmits HDMI video signals and audio up to 20km over a single fiber optic cable.
- Support video resolution up to **1920*1080@60Hz**.
- Support external stereo audio transmission.
- Compliance with **HDMI 1.3 and HDCP 1.2** standard.
- High compatibility, can auto-match source and display device.
- Built-in automatic adjustment system, make the image smooth, clear and stable.
- Built-in ESD protection system.
- Simple to install, plug and play.

3 Specifications

Parameter		Description
Video	Standards	HDMI 1.3; HDCP 1.2
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution range	1920x1080P 1280 x 720 1024 x 768 1280 x 1024 1440 x 900 1680 x 1050 800 x 600
	Connector	Female HDMI type A
	Impedance	100Ω
	HDMI Cable Range	<5Meter (Resolution up to 1920*1080@60Hz)
Optical fiber	Interface	SFP model – LC connector
	Fiber type	Single-model
	Wavelength	850nm/1310nm
	Interface bandwidth	1.25Gbps
	Transmission distance	Transmission@1920*1080@60Hz Multi-mode fiber: <300M Single-mode fiber: 20km

Parameter		Description
Other	Power supply	The power adapter: DC 5V
	Power dissipation	Max 6W
	Temperature	Operating: -20°C~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension (LxWxH)	80 x 40 x 20 (mm)



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TEL : +65 6367 3272 FAX : +65 6367 0763