



DisplayPort to Fiber Tx/Rx USER MANUAL

DP-FIB



Package Contents

- 1 x DP-FIB Tx and Rx
- 2 x +5V DC Power Supply
- 2 x DP cables

Features

- Extends DP 1.2 SST signal up to 200 meters
- 5.4 Gbps / channel
- Uses a single SC fiber
- Maximum resolution UHD (3840x2160) / 4096x2160@60Hz

Specifications

Parameters	Transmitter	Receiver
Optical Converter	850nm, 4 ch Transmit OSA 911 nm, 1 Ch VCSEL 980 nm, 1 Ch PIN P/D Diode	850nm, 4 ch Transmit OSA 911 nm, 1 Ch VCSEL 980 nm, 1 Ch PIN P/D Diode
Input and Output signal	Displayport 1.2 SST	
Video Bandwidth	5.4 Gbps / Channel	
Module Size	81.4 mm W x 21.1 mm D x 47.5 mm H	
Optical Connector	SC connector	
Electrical Connector	Full Size DP connector (20 pin)	
Fiber	OM3 multi-mode glass-fiber	
Maximum Resolution	UHD (3840x2160 / 4096x2160 @ 60Hz	
Maximum Distance	200 M (656 ft)	
External Power	5V /2A (1.35 φ DC Jack	

Installation

- Connect the transmitter module to the DisplayPort source device using the DP cable provided
- Connect the receiver module to the display using the DP cable provided
- Connect a single strand of OM3 multi-mode SC terminated fiber optic cable (50/125um) from the transmitter to the receiver module
- Connect the 5V DC power supplies to the transmitter and receiver module
- Active LED indicator on the modules will light up



	Transmitter	Receiver
Mode	Signal Assignment	Signal Assignment
DEFAULT	Minimum DP output level (Recommend)	Auto setting (Recommend)
MANUAL	Maximum DP output level	Special setting of EQ / VOD / Pre-emphasis
Note	※ Switch setting is in accordance with the characteristics of the graphics card.	※ Switch setting is in accordance with the characteristics of the monitor.



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7470 SW BRIDGEPORT ROAD
PORTLAND, OR 97224, USA
PHONE +1 503 968 3000, FAX +1 503 389 7921

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