

4K DP-Beam-Box 1.2

Displayport 1.2 fiber optic 1Ch Extender

4K

This unique fiber optical transceiver let your PC, digital HDTV or Projector extend up to 200 m (656 ft) away from host based on DisplayPort standard without signal degradation by UHD (3840x2160 or 4096x2160 @60Hz) resolution.



Features

- High Speed and long distance transmission by optical system
- Compatible with DisplayPort standard V1.2
- Supports 50-micron OM3 or OM4 Fiber with an SC Connector
- Main-link video signal / AUX data and Hot Plug Detection signal is transmitted by 1 channel multimode optical fiber
- External power supply use(TX, RX)
- Mode switch use(TX, RX)
- DPCD (DisplayPort Configuration Data) compliant
- DPCP or HDCP compliant



Technical Specifications

Optical Converter	Transmitter:	Receiver:
	850nm, 4Ch Transmit OSA 911nm, 1Ch VCSEL 980nm, 1Ch PIN P/D Diode	850nm, 4Ch Receive OSA 980nm, 1Ch VCSEL 911nm, 1Ch PIN P/D Diode
Input and Output Signal:	DISPLAYPORT 1.2a Standard	
Video Bandwidth:	5.4Gbps / Channel	
Module Size:	81.2mm(W) x 21.1mm(D) x 47.5mm(H)	
Optical Connector:	SC Connector	
Electrical Connector:	DisplayPort Female Connector (20 Pin)	
Applied Fiber:	OM3 or OM4 Multi-mode glass-fiber.	
Maximum Supporting Resolution:	UHD(3840x2160@60Hz / 4096x2160@60Hz	
Transmission distance:	200 meter (656 ft)	
External Power:	5V / 2A (1.35ø DC JACK)	