Optical DisplayPort Cable

DPM2 (DP1.2 compliant)

DPM2, is High speed and long distance transmission by optical system. The DisplayPort fiber optic cable with DisplayPort V1.2 compliant extends a DisplayPort signal up to 40meter(131.2ft) using a 50/125μm multimode fiber and copper hybrid cable with resolutions up to 4K UHD (3840x2160@60Hz).

Features

- compatible with DisplayPortV1.2a standard by VESA
- The use of standard DisplayPort source-sink connector
- MMF optical fiber + copper hybrid cable structure
- HBR2(High Bit Rate) Cable Assembly (up to 5.4Gbs Data Rate)
- AUX and Hot Plug channels are transmitted by copper line
- DPCD/HDCP compliant
- Gender or signal conversion equipment does not guarantee
- Internal source power supply need for proper operation
- Dual mode is not support
- EMI & Safety : CE, FCC

Specification

	Transmitter	Receiver
Signal	DisplayPort 1.2a	
Video Bandwidth	21.6 Gbps	
Supporting Resolution & Distance	4K UHD(3840x2160@60Hz)/40M(131.2ft)	
Connector	DisplayPort 20 Pin (male)	
Power Consumption	0.92W(Typ)	1.05W(Typ)
Size	114W x 25D x 21H(mm)	
Environment	Operating Temperature Range: 0°C~50°C Storage Temperature Range: -20°C~70°C	

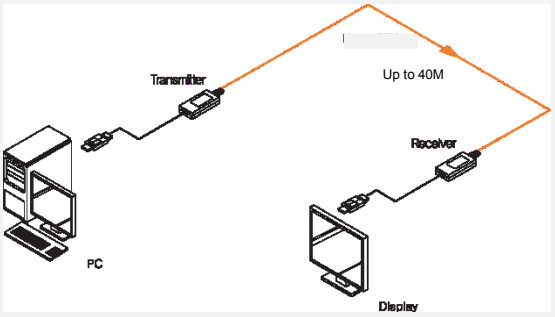
Optical

- Optical Source: 850nm VCSEL
- O/E Converter: PIN Photo Diode
- Copper + Optic fiber hybrid cable

Package

- DPM2 cable
- User's manual

Application



Ordering Information

DPM2-Axxx

Model name

Cable length
010 = 10meter
015 = 15meter
020 = 20meter
025 = 25meter
030 = 30meter
035 = 35meter
040 = 40meter