



DisplayPort 1.2 Data Recovery Repeater, DPAX

Description

DisplayPort 1.2 Repeater, DPAX is designed compact enough to be fitted into various installation environments with DisplayPort cables. DPAX enables to transmit 4K UHD(4096x2160) signals up to combined length of 8m (26feet) over DisplayPort 1.2 copper cables without any data compression or scaling.

Related Products

- DPFX-700-TR: DisplayPort 1.2 fiber-optic Extender
- DPFX-300-TR: DisplayPort 1.2 fiber-optic Extender
- DPFX-250-TR : DisplayPort 1.2 fiber-optic Extender
- DPFX-100-TR : DisplayPort 1.1 fiber-optic Extender
- DPFC-200D : DisplayPort 1.2 Active Optical Cable
- M1-5000-xx : DisplayPort 1.1 Hybrid Optical Cable

Applications

- Digital Signage
- Medical imaging
- Control room
- Any DisplayPort display applications

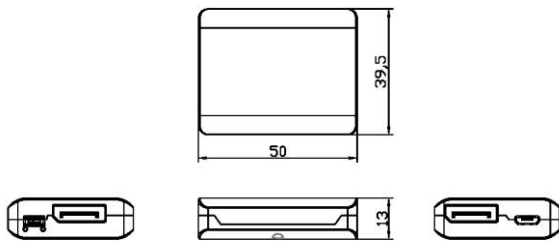
Specification

- Complies with **DisplayPort 1.2 standards**
- Supports Ultra High Definition (**up to 4096x2160 at 60Hz**)
- Offers **Data Recovery function**
- Transmits DisplayPort 1.2 data up to 8m (26feet) over copper cables.
 - 3m(10ft) from the Source / 5m(16ft) to the Display at DP 1.2**
 - 5m(16ft) from the Source / 10m(33ft) to the Display at DP 1.1**
- Offers total data rate 21.6Gbps (5.4Gbps per lane)
- Supports auxiliary channel, MST Function
- Supports much longer extension through daisy-chain connection.
- Designed so that a compatibility could go well with the optical DisplayPort extender DPFX-200, DPFX-100 etc.
- Operated by USB power or DC power supplying adaptor
- Size (WDH): 39.5 x 50 x 13mm

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Dimension

Size: 39.5 x 50 x 13mm (WDH)



Technical Features

| | |
|-----------------------|-------------------------------------------------------------------------------------------------------|
| Resolution | Up to 4K UHD(4096x2160) at 60Hz |
| Maximum Data rate | 21.6Gbps (5.4Gbps per lane) (RBR, HBR, HBR2) |
| Distance info. | 3m from the Source / 5m to the Display at DP 1.2 5m from the Source / 10m to the Display at DP 1.1 |
| Power supplying | USB power or external 5V/1A DC power |
| LED Indicators | Blue LED Tx / Rx Switching status LED |
| Size (WDH) | 39.5 x 50 x 13mm |
| Operating temperature | 0 ~ 50℃ |

Connection Diagram

