



## 1200m Fibre Optic DisplayPort 1.2 Extender

No.: 38417

Extend DP 1.2 signals up to 1.2km over LC fibre cable

### Description

- Extends DisplayPort 1.2 signals up to 1200m over a single duplex LC cable
- Supports resolutions up to 4K UHD 3840x2160@60Hz
- Uncompressed transmission for lossless video output
- HDCP and EDID pass-through to ensure maximum compatibility
- 2 year warranty

The Lindy 1200m Fibre Optic DisplayPort 1.2 Extender is the professional solution for extending DP 1.2 signals over increased distances, not possible with traditional copper-based systems, using a single standard LC duplex singlemode (9/125µm) fibre optic cable.

Support for the DisplayPort 1.2 specification allows for the transmission of highly detailed 4K UHD resolutions, without any compression, ensuring content is visually lossless at the display side. Video content can be seen with enhanced brightness, greater contrasts and a much wider colour gamut, perfect for creating eye-catching digital signage in retail, viewing detailed information in real time operation centres or when delivering engaging and immersive educational presentations in lecture theatres. HDCP pass-through also means that protected 4K content including movies and TV shows can be viewed without issue.

As opposed to the use of copper-based extension systems, the use of fibre optic cable also ensures immunity to RF and EMI via galvanic isolation and high resistance, providing a stable signal in 'noisy' retail or industrial environments which can have a high interference from electronics. Premium metal housing on both units provided an additional layer of immunity to interference.

With the ability to extend signals up to 1200m the extender provides huge installation flexibility. The transmitter can be easily connected to a variety of DP source devices such as media players or PC's in a convenient location, while the receiver can be placed in a suitable viewing area along with a 4K display or projector. This set up is ideal for larger distribution distances in sports stadiums, event arenas, or travel hubs where control and monitoring centres are located away from the action.

In addition, the power supply is connected via a screw type DC jack, providing a more secure and reliable connection, perfect for professional installations where accidental disconnections could create a major issue.

### Technical details

## Specifications

- AV Interface: DisplayPort
- Interface Standard: 1.2
- Supported Bandwidth: 21.6Gbps
- Maximum Distance: 1200m (3936.96ft)
- Maximum Resolution: 3840x2160@60Hz 4:4:4 10bit
- HDCP Support: Pass-through
- EDID Pass Through: Pass-through
- Supported Audio: Pass-through
- Separate Audio Ports: -
- IR Support: -
- CEC Support: -
- Serial Interface: -
- Transmission Protocol: -
- Transmission Medium: 1 x Duplex LC (9/125µm)
- Laser Class (only for Fibre): Class 1
- Wavelength (only for Fibre): 1271/1291/1311/1331nm + 1310/1550nm
- Chipset: PS8460
- Special Features: -

## Connectors

- Transmitter Input: DisplayPort (Female)
- Transmitter Output: Duplex LC (Female)
- Receiver Input: Duplex LC (Female)
- Receiver Output: DisplayPort (Female)
- Bi-directional Ports: -
- Power : 5.5/2.5mm

## Physical Properties

- Dimensions (approx.) WxDxH: 75x138x29mm (2.95x5.43x1.14in)
- Housing Material: Metal
- Net Weight: 0.28kg (0.62lb) per unit
- Operating Temperature : 0°C - 50°C (32°F - 122°F)
- Storage Temperature: -20°C - 70°C (-4°F - 158°F)
- Humidity: 20-80% RH (non-condensing)
- Power Requirements: 5VDC 3A
- Colour: Black

## Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 205x115x134 (8.07x4.53x5.28in)
- Gross Weight: 0.939kg (2.07lb)
- Warranty (Years): 2
- Certificated: CE, FCC, RoHS, REACH & California Proposition 65

## Package Content

- Transmitter Unit
- Receiver Unit
- 2 x Multi-country Power Supply (UK, EU, US & AUS)
- Lindy Manual

## Purchasing Information

- No.: 38417
- EAN: 4002888384179