

DisplayPort 1.2 Detachable ACTIVE OPTICAL CABLE, DPFC-200D

Description

Detachable DisplayPort 1.2 active optical cable, DPFC-200D, enables to transmit 4K (4096x2160) at 60Hz signal up to 100m (328feet) over plenum graded & LSZH hybrid cable. It avoids any scaling or data compression for lessening a burden of data transmission.

DPFC-200D is designed compact enough to be fitted into various installation environments with cutting edge technology performance.

DPFC-200D offers perfect flexibility during installation by separating DisplayPort connector part and Active Optical Cable part. It gives slim, light, easy installation like a general copper DisplayPort cable.

Optional USB power cable on RX side can be provided upon request for non-standard display device which provides insufficient power to operate.

Specification

- Extends up to 4K (4096x2160) at 60Hz, (RGB & YCbCr : 4:4:4)
- Transmits DisplayPort 1.2 data up to 100m (328feet) over hybrid cable
- Adopts plenum graded & LSZH (Low Smoke Zero Halogen) hybrid cable
- Offers perfect flexibility during installation by separating DisplayPort connector from cable
- Supports Multi-Stream Transport
- Supports 3D contents transmission
- Supports DisplayPort 1.2 standards feature
- Provides optional USB power on the display source (TX) and/or display (RX) side

Applications

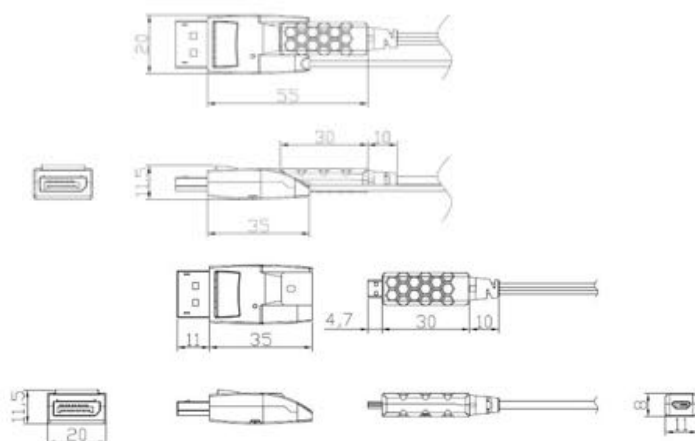
- Home AV
- Digital Signage
- Control room
- Conference room
- Rental staging

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Technical Features

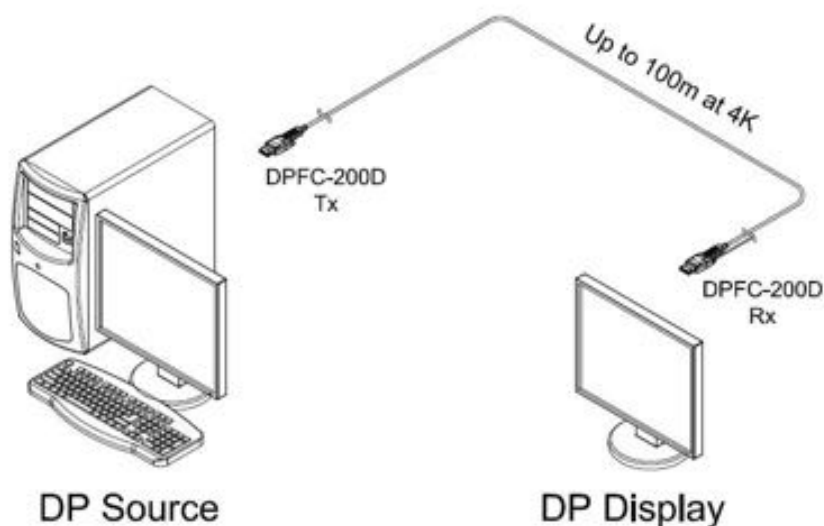
Resolution	Up to 4K(4096x2160) at 60Hz
Bit rate	Up to 5.4 Gbps/ch
Maximum distance	Up to 100m (328feet) @4K, 60Hz
Cable	Plenum graded & LSZH hybrid cable (optical fiber + copper cable)
Power supplying	Source/Display USB power on TX/RX side (optional)
LED Indicators	TX / RX power
Power consumption	< 1.6W
Operating temperature	0°C to 60°C
Size (LWH)	55.0 x 20.0 x 11.5 mm

Dimension [mm]



Connection Diagram

4K (4096x2160) @60Hz up to 100m



Example: PC and Display Set-up

TX: PC, laptop, or media player

RX: Monitor, TV and Projector



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