



Stretch DisplayPort 1.4 Active Optical Cable DPOC-14N

Description

DisplayPort 1.4 Active Optical Cable, DPOC-14N, enables to transmit up to 8K DSC(7680x4320) at 60Hz signal up to 100m (328feet). It avoids any scaling or data compression for lessening a burden of data transmission.

DPOC-14N provides slim, light, easy installation like a general copper DisplayPort cable. It holds firmly distinctive performance advantage as it requires absolutely no external power to operate. It solely utilizes TX and RX of the cable to function without any additional setting requirements.

Specification

- Extends up to 8K DSC(7680x4320) at 60Hz
- Transmits DisplayPort 1.4 data up to 100m (328feet) over hybrid cable
- Supports up to 32.4Gbps data rate with 8.1Gbps/lane(HBR3)
- Offers different jacket type of cables as plenum graded, LSZH or TPU.
- Easy Plug & Play Feature
- Operates with absolute no external power
- Supports 3D contents transmission
- Bi-directional hardware handshake with voltage assertion for DPCP, EDID
- Multi-channel Audio, Dolby true-HD, DTS-HD Master Audio

Applications

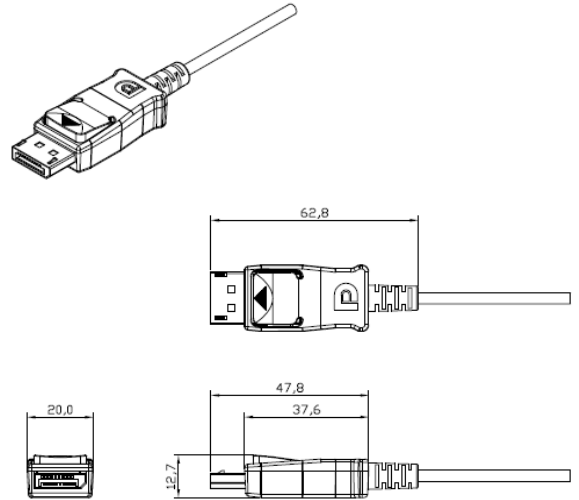
- Home AV system
- Digital Signage
- Control room
- Conference room
- Rental Staging
- Flight Simulation

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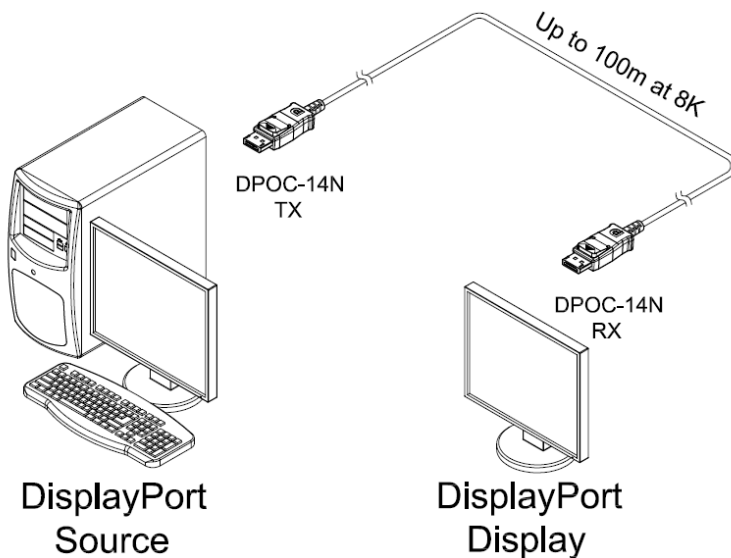
Technical Features

Resolution	Up to 8K DSC(7680x4320) at 60Hz
Bit rate	Up to 8.1 Gbps/lane
Maximum distance	Up to 100m (328feet)
Cable type	Hybrid cable with options for: Plenum, LSZH, TPU
Power supplying	3.3V Internal Power (No external power needed)
Power consumption	Max. 1.1W
Operating temperature	0°C to 50°C
Operating humidity	5 to 85% RH (non-condensing)
Size (LWH)	47.8 x 20 x 12.7 mm

Dimension



Connection Diagram



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