

DP 1.4 Armored Active Optical Cable 7680 x 4320 (8K) @ 60



LA-AOC-DP14A Series

DP 1.4 Armored Active Optical Cable 7680 x 4320 (8K) @ 60 Hz

The LinkAura LA-AOC-DP14A Series DP Armored active Fiber Optic 8K DP Cable which is suited for critical and versatile installations. It supports DP 1.4 Maximum Data Rate 32.4 Gbps with light weight, flexible and ultra-small long-term bending radius (20mm) hybrid cable. With our advanced optical engine embedded. This DP Hybrid Cable provides full DP1.4 signal integrity, support up to 100m maximum length, plug and play. No external power required.

Features

- Compliance with 7680 x 4320 (8K)@ 60 Hz 4:2:0 resolutions up to 100 meters
- Data transfer rates up to 32.4 Gbps
- Compatible with DP 1.4 standard: EDID,HBR3, HDCP (2.2), HDR (High Dynamic Range),HEC etc.
- 21:9 cinema aspect ratio and BT.2020 colorimetry
- Up to 32 audio channels with a 1536-Hz sampling rate
- Delivers dual video streams to compatible displays
- Zinc-alloy DP connectors for enhanced durability and performance
- Cable OD: 4.8mm, 4 fiber + 8 copper wire
- Triple-shielding further protects against interference for optimal signal quality
- OM3 fiber technology greatly reduces EMI/RFI emissions
- Hybrid construction utilizes both fiber and copper to supply power
- Extended temperature range from -40° to 70°C for installations in harsh environments or manufacturing floors
- CL2,CL3,CMP and LSZH Jackets comply with fire protection regulations and increases the safety of employees in the event of a fire
- Has Source & Display clearly printed on the connector for easy identification
- Has high pulling strength and compression load
- Plug and play, no external power required
- 200CU stainless steel construction

Applications

- Digital Signage
- Home Theatre
- Security Systems
- TV Broadcast Station
- LED signboards in streets and in stadiums
- Conference Room Video System
- Medical Imaging Equipment
- Blue-ray, 3D videos, Projector, Set-up box, DVR, Game Consoles etc.

Ordering Information

Part Number	Description
LA-AOC-DP14A-10	LinkAura DP 1.4 Active Optical Armored Cable 7680 x 4320 (8K)@ 60 Hz 4:2:0 resolutions, Support EDID,HBR3, HDCP (2.2), HDR (High Dynamic Range),HEC etc., 10m-3year Warranty
LA-AOC-DP14A-15	LinkAura DP 1.4 Active Optical Armored Cable 7680 x 4320 (8K)@ 60 Hz 4:2:0 resolutions, Support EDID,HBR3, HDCP (2.2), HDR (High Dynamic Range),HEC etc., 15m-3year Warranty
LA-AOC-DP14A-20	LinkAura DP 1.4 Active Optical Armored Cable 7680 x 4320 (8K)@ 60 Hz 4:2:0 resolutions, Support EDID,HBR3, HDCP (2.2), HDR (High Dynamic Range),HEC etc., 20m-3year Warranty
LA-AOC-DP14A-25	LinkAura DP 1.4 Active Optical Armored Cable 7680 x 4320 (8K)@ 60 Hz 4:2:0 resolutions, Support EDID,HBR3, HDCP (2.2), HDR (High Dynamic Range),HEC etc., 25m-3year Warranty
LA-AOC-DP14A-30	LinkAura DP 1.4 Active Optical Armored Cable 7680 x 4320 (8K)@ 60 Hz 4:2:0 resolutions, Support EDID,HBR3, HDCP (2.2), HDR (High Dynamic Range),HEC etc., 30m-3year Warranty
LA-AOC-DP14A-50	LinkAura DP 1.4 Active Optical Armored Cable 7680 x 4320 (8K)@ 60 Hz 4:2:0 resolutions, Support EDID,HBR3, HDCP (2.2), HDR (High Dynamic Range),HEC etc., 50m-3year Warranty
LA-AOC-DP14A-70	LinkAura DP 1.4 Active Optical Armored Cable 7680 x 4320 (8K)@ 60 Hz 4:2:0 resolutions, Support EDID,HBR3, HDCP (2.2), HDR (High Dynamic Range),HEC etc., 70m-3year Warranty
LA-AOC-DP14A-100	LinkAura DP 1.4 Active Optical Armored Cable 7680 x 4320 (8K)@ 60 Hz 4:2:0 resolutions, Support EDID,HBR3, HDCP (2.2), HDR (High Dynamic Range),HEC etc., 100m-3year Warranty