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CRS-PlugNView-DP

Active Optical Armored 8K DisplayPort Cable



CRS-PlugNView-DP cable is a high-speed DisplayPort active optical cable (AOC) designed with heavy-duty durability perfectly suited for the harshest use and abuse expected from rental and road applications. CRS-PlugNView-DP supports resolutions up to 8K@60Hz, 32 Gbps over long cable runs up to 100 meters without the need for an external power supply or additional extenders

FEATURES

High Resolution over Long Range - Active cable supports resolutions up to 8K@60Hz over long cable runs up to 100 meters

High Data Transfer Rate - Up to 32 Gbps

No External Power Needed - Powers the active units via the DisplayPort connector with a power consumption of less than 0.5W for each end

Supported Features - HDCP 1.4/2.2, HDR-10, HLG, Dolby Vision™, deep color, x.v.Color™, 5.1/7.1 lossless Dolby® TrueHD, DTS-HD Master Audio®, and EDID

Extremely Durable - integrated, stainless steel, corrugated tube with Kevlar reinforcement protects the internal optical fibers. A TPU jacket, heavy duty connectors and robust waterproof & impact resistant connector covers ensure high pulling strength and compression load. Dispensed from a solid, mobile plastic spool

Varied Selection of Lengths - Available in versions from 10 to 100m (33 to 328ft)



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TECHNICAL SPECIFICATIONS

| | |
|--------------------------|--|
| Video | <p>Video Resolution: Up to 8K 60Hz</p> <p>Data Rate: Up to 32 Gbps</p> <p>Supported color spaces: RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601, BT.2020</p> <p>Supported Features HDCP 1.4/2.2, HDR-10, HLG, Dolby Vision™, EDID</p> |
| Audio | <p>Supported Audio Formats: Dolby® Digital Plus, Dolby® TrueHD, DTS-HD Master Audio®, DVD Audio, SA-CD</p> |
| PHYSICAL | <p>Connector-1 (source end): Male DisplayPort, 24K gold-plated</p> <p>Connector-1 (display end): Male DisplayPort, 24K gold-plated</p> <p>DisplayPort Connector Dimensions 2.78" x 0.78" x 0.55" (70.7mm x 20mm x 14mm)</p> <p>Cable Structure: Hybrid Optical Fiber Cable</p> <p>Fiber Optic: 50/125u OM3 fiber</p> <p>Armor Material: Kevlar® and stainless steel</p> <p>Long Term Crush Resistance: 1000N (100 kg, 225lbs)</p> <p>Short Term Crush Resistance: 2000N (204 kg, 450lbs)</p> <p>Bending Radius: 10 D (Dynamic) / 20 D (Static)</p> <p>Long Term Tensile Strength Test 400N (41 kg, 90lbs)</p> <p>Short Term Tensile Strength Test 800N (81 kg, 180lbs)</p> |
| JACKET | <p>Material: TPU (thermoplastic polyurethane)</p> <p>Color: Black</p> <p>Diameter: 5.8mm</p> |
| Power | <p>Source: No external power supply is needed (draws current from the video source and sink)</p> <p>Consumption 0.25W max.:</p> |
| Environmental Conditions | <p>Environmental Specification:</p> <p>Operating Temperature: +32~+122°F (0~+50°C)</p> <p>Storage Temperature: -40~+158°F (-40~+70°C)</p> <p>Operating Humidity: 10 ~ 80%</p> |
| REGULATORY | <p>Environmental: CE, FCC</p> <p>Safety: RoHS 2011/65/ EU</p> |
| Product Dimensions | <p>24.00cm x 20.00cm x 32.00cm (9.45" x 7.87" x 12.60") W, D, H</p> |
| Product Weight | <p>5.2kg (11.5lbs) approx</p> |
| Shipping Dimensions | <p>38.50cm x 26.50cm x 47.00cm (15.16" x 10.43" x 18.50") W, D, H</p> |
| Shipping Weight | <p>6.3kg (13.9lbs) approx</p> |



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CONFIGURATIONS

CRS-PlugNView-DP-33 Active Optical Armored 8K DisplayPort Cable

CRS-PlugNView-DP-50 Active Optical Armored 8K DisplayPort Cable

CRS-PlugNView-DP-66 Active Optical Armored 8K DisplayPort Cable

CRS-PlugNView-DP-98 Active Optical Armored 8K DisplayPort Cable

CRS-PlugNView-DP-131 Active Optical Armored 8K DisplayPort Cable

CRS-PlugNView-DP-164 Active Optical Armored 8K DisplayPort Cable

CRS-PlugNView-DP-197 Active Optical Armored 8K DisplayPort Cable

CRS-PlugNView-DP-230 Active Optical Armored 8K DisplayPort Cable

CRS-PlugNView-DP-262 Active Optical Armored 8K DisplayPort Cable

CRS-PlugNView-DP-295 Active Optical Armored 8K DisplayPort Cable

CRS-PlugNView-DP-328 Active Optical Armored 8K DisplayPort Cable
