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



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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
