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CRS-PlugNView-H

Active Optical Armored 4K HDMI Cable



CRS-PLUGNVIEW-H cable is a high-speed HDMI 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-H supports resolutions up to 4K@60 (4:4:4) 18 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 4K@60 (4:4:4) over long cable runs up to 100 meters

High Data Transfer Rate - Up to 18 Gbps

No External Power Needed - Powers the active units via the HDMI connector with a power consumption of only 0.25W:50mA @5V

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

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 4K 60Hz 4:4:4 (3840x2160 & 4096x2160)</p> <p>Data Rate: Up to 18 Gbps</p> <p>Supported color spaces: RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601, BT.2020</p> <p>HDMI Support: HDCP 2.2, HDR-10, HLG, Dolby Vision™, EDID and CEC</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 HDMI Type A, 24K gold-plated</p> <p>Connector-1 (display end): Male HDMI Type A, 24K gold-plated</p> <p>HDMI Connector Dimensions: 27.8" x 0.78" x 0.38" (70.7mm x 20mm x 9.8mm)</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> <p>Connector bending test > 10000 cycles:</p>
JACKET	<p>Material: TPU (thermoplastic polyurethane)- LSHF</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)</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:	
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

6.3kg (13.9lbs) approx





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CONFIGURATIONS

CRS-PlugNView-H-33 Active Optical Armored 4K HDMI Cable

CRS-PlugNView-H-50 Active Optical Armored 4K HDMI Cable

CRS-PlugNView-H-66 Active Optical Armored 4K HDMI Cable

CRS-PlugNView-H-98 Active Optical Armored 4K HDMI Cable

CRS-PlugNView-H-131 Active Optical Armored 4K HDMI Cable

CRS-PlugNView-H-164 Active Optical Armored 4K HDMI Cable

CRS-PlugNView-H-197 Active Optical Armored 4K HDMI Cable

CRS-PlugNView-H-230 Active Optical Armored 4K HDMI Cable

CRS-PlugNView-H-262 Active Optical Armored 4K HDMI Cable

CRS-PlugNView-H-328 Active Optical Armored 4K HDMI Cable
