



KRAMER

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® TrueHDm 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)



TECHNICAL SPECIFICATIONS

Video	Video Resolution: Up to 4K 60Hz 4:4:4 (3840x2160 & 4096x2160) Data Rate: Up to 18 Gbps Supported color spaces: RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601, BT.2020 HDMI Support: HDCP 2.2, HDR-10, HLG, Dolby Vision™, EDID and CEC
Audio	Supported audio formats: Dolby® Digital Plus, Dolby® TrueHD, DTS-HD Master Audio®, DVD Audio, SA-CD
PHYSICAL	Connector-1 (source end): Male HDMI Type A, 24K gold-plated Connector-1 (display end): Male HDMI Type A, 24K gold-plated HDMI Connector Dimensions: 27.8"x 0.78"x 0.38" (70.7mm x 20mm x 9.8mm) 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) Connector bending test > 10000 cycles:
JACKET	Material: TPU (thermoplastic polyurethane)- LSHF Color: Black Diameter: 5.8mm
Power	Source: No external power supply is needed (draws current from the video source) 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:	
REGULATORY	Environmental: CE, FCC Safety: RoHS 2011/65/ EU



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CONFIGURATIONS

CRS-PlugNView-H-50	Active Optical Armored 4K HDMI Cable
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CRS-PlugNView-H-66	Active Optical Armored 4K HDMI Cable
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CRS-PlugNView-H-164	Active Optical Armored 4K HDMI Cable
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CRS-PlugNView-H-230	Active Optical Armored 4K HDMI Cable
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CRS-PlugNView-H-328	Active Optical Armored 4K HDMI Cable
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