



## 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)



## TECHNICAL SPECIFICATIONS

---

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video                    | Video Resolution: Up to 4K 60Hz 4:4:4 (3840x2160 & 4096x2160)<br><br>Data Rate: Up to 18 Gbps<br><br>Supported color spaces: RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601, BT.2020<br><br>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<br><br>Connector-1 (display end): Male HDMI Type A, 24K gold-plated<br><br>HDMI Connector Dimensions: 27.8"x 0.78"x 0.38" (70.7mm x 20mm x 9.8mm)<br><br>Cable Structure: Hybrid Optical Fiber Cable<br><br>Fiber Optic: 50/125u OM3 fiber<br><br>Armor Material: Kevlar® and stainless steel<br><br>Long term crush resistance: 1000N (100 kg, 225lbs)<br><br>Short term crush resistance: 2000N (204 kg, 450lbs)<br><br>Bending radius: 10 D (Dynamic) / 20 D (Static)<br><br>Long term tensile strength test: 400N (41 kg, 90lbs)<br><br>Short term tensile strength test: 800N (81 kg, 180lbs)<br><br>Connector bending test > 10000 cycles: |
| JACKET                   | Material: TPU (thermoplastic polyurethane)- LSHF<br><br>Color: Black<br><br>Diameter: 5.8mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Power                    | Source: No external power supply is needed (draws current from the video source)<br><br>Consumption 0.25W max.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Environmental Conditions | Environmental Specification:<br><br>Operating Temperature: +32~+122°F (0~+50°C)<br><br>Storage Temperature: -40~+158°F (-40~+70°C)<br><br>Operating Humidity: 10 ~ 80%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Regulatory:              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| REGULATORY               | Environmental: CE, FCC<br><br>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





## 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 |