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)
- **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
- **Environmental:** CE, FCC
- **Safety:** RoHS 2011/65/ EU

## Product Dimensions
- **Product Dimensions:** 24.00cm x 20.00cm x 32.00cm (9.45” x 7.87” x 12.60” ) W, D, H

## Product Weight
- **Product Weight:** 5.2kg (11.5lbs) approx

## Shipping Dimensions
- **Shipping Dimensions:** 38.50cm x 26.50cm x 47.00cm (15.16” x 10.43” x 18.50” ) W, D, H

## Shipping Weight
- **Shipping Weight:** 6.3kg (13.9lbs) approx
<table>
<thead>
<tr>
<th>Configuration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRS-PlugNView-H-33</td>
<td>Active Optical Armored 4K HDMI Cable</td>
</tr>
<tr>
<td>CRS-PlugNView-H-50</td>
<td>Active Optical Armored 4K HDMI Cable</td>
</tr>
<tr>
<td>CRS-PlugNView-H-66</td>
<td>Active Optical Armored 4K HDMI Cable</td>
</tr>
<tr>
<td>CRS-PlugNView-H-98</td>
<td>Active Optical Armored 4K HDMI Cable</td>
</tr>
<tr>
<td>CRS-PlugNView-H-131</td>
<td>Active Optical Armored 4K HDMI Cable</td>
</tr>
<tr>
<td>CRS-PlugNView-H-164</td>
<td>Active Optical Armored 4K HDMI Cable</td>
</tr>
<tr>
<td>CRS-PlugNView-H-197</td>
<td>Active Optical Armored 4K HDMI Cable</td>
</tr>
<tr>
<td>CRS-PlugNView-H-230</td>
<td>Active Optical Armored 4K HDMI Cable</td>
</tr>
<tr>
<td>CRS-PlugNView-H-262</td>
<td>Active Optical Armored 4K HDMI Cable</td>
</tr>
<tr>
<td>CRS-PlugNView-H-328</td>
<td>Active Optical Armored 4K HDMI Cable</td>
</tr>
</tbody>
</table>