

## ARMoured HDMI FIBRE CABLES

Calibre Pro Fibre Optic Armoured HDMI 4K/60 cables 10m – 100m

Calibre Pro Armoured HDMI Active Optical Cables are designed with heavy duty durability perfectly suited for the harshest use encountered on rental and touring applications.

Supporting resolutions up to 4K@60 (4:4:4) with up to 18 Gbps over long cable runs up to 100 meters without the need for an external power supply or additional extenders.

Protected by stainless steel corrugated tube with Kevlar® reinforcement and a LSHF thermoplastic polyurethane jacket, this cable remains flexible and easy to handle. Furthermore, each end is protected with a waterproof, impact resistant guard ensuring high pulling strength along with connector integrity.

Available in lengths from 10m to 100m (50m and above on sturdy reels for easy deployment and recoiling)

### Key Features:

- Integrated stainless steel corrugated tube and Kevlar® reinforcement
- 24K Gold HDMI connections
- Waterproof, impact resistant end protection
- Extremely durable, ideal for stage & rental
- Low bend radius (40mm)
- Durable hard plastic reel with locking brake (50m lengths and above)
- Extends HDMI v2.0/v1.4 up to 100m
- Supports resolutions up to 4K (2160p)@ 60Hz (4:4:4)
- Data transfer rate up to 18Gbps
- Supports HDCP1.4 & HDCP 2.2
- Supports HEC, CEC, EDID, ARC, 3D, HDR-10, HLG, Dolby Vision™, deep colour, x.v.Colour™, DTS-HD Master Audio®, 5.1/7.1 lossless Dolby® TrueHD,
- Highly resistant to EMI and RFI
- Plug & Play, no driver required
- No external power supply required
- CE, FCC, RoHS 2011/65/EU compliant



**Calibre™ Cables**  
for quality connections

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### Product Specification:

#### Video

Video Resolution: Up to 4K 60Hz 4:4:4 (3840x2160 & 4096x2160)

Data Rate: Up to 18 Gbps

Supported colour 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: 70.7mm x 20mm x 9.8mm

Cable Structure: Hybrid Optical Fiber Cable

Fiber Optic: 50/125u OM3 fiber

Armour Material: Kevlar® and stainless steel

Long term crush resistance: 1000N (100 kg)

Short term crush resistance: 2000N (204 kg)

Bending radius: 10x D (Dynamic) / 20x D (Static)

Long term tensile strength test: 400N (41 kg)

Short term tensile strength test: 800N (81 kg)

Connector bending test: > 10000 cycles

#### Jacket

Material: TPU (thermoplastic polyurethane) – LSHF

Color: Black

Diameter: 5.8mm

#### Power

Source: Drawn from the video source

Consumption: 0.25W max.

#### Environmental Conditions

Operating Temperature: 0° C – 50° C

Storage Temperature: -40° C – 70° C

Operating Humidity: 10 ~ 80%

#### Regulatory

Environmental: CE, FCC

Safety: RoHS 2011/65/ EU

#### Handling

50m to 100m lengths are supplied on lightweight, robust 310mm Polycarbonate reels with integrated handle and brake

