

Steel-Armored HDMI Active Optical Cable

Very robust and stress resistant

Flexible cable incl. steel armoring

Best performance up to 100 meters

Integrated rodent protection

High press and crush resistance



The steel-armored HDMI Active Optical Cable is a very strong video hybrid cable of OM3 fibers and a copper wire. It is a lightweight, characterized by a flexible cable with a very small bending radius, best performance on long distances and an extremely high load capacity.

Under a flexible TPU jacket, the cable is equipped with a steel armoring and an additional Kevlar mesh; a combination that makes it extremely resistant to pressure and tensile loads, bruises and damage from rodent bites. The cable can withstand a short-term pressure of up to 200kg without performance losses or damages of the inner conductors.

The cable is assembled with two HDMI type A plugs, which are protected with high-quality metal housings and lockable IP protection capsules. The complex and stable cable and plug design enables an excellent transmission of video signals and a crystal clear image without loss over long distances up to 100 meters. The Active Optical Cable supports HDTV and 3D Full HD resolutions at a transfer rate of up to 18 Gbps.

Specification

Connectors: HDMI Type A, Source / HDMI Type A, Display
Metal housings
Both sides with IP protection capsule

Cable: Hybrid OM3 fiber optic / copper wires
Outer jacket: TPU
Armoring: 200CU steel
Outer Diameter: 5.8 mm
Colour: black ●

Physical Properties

Tensile: Long term 400N, short term 800N

Crush resistance: Long term 1000N/100mm
Short term 2000N/100mm

Bending radius: Dynamic 10x Ø, static 20x Ø

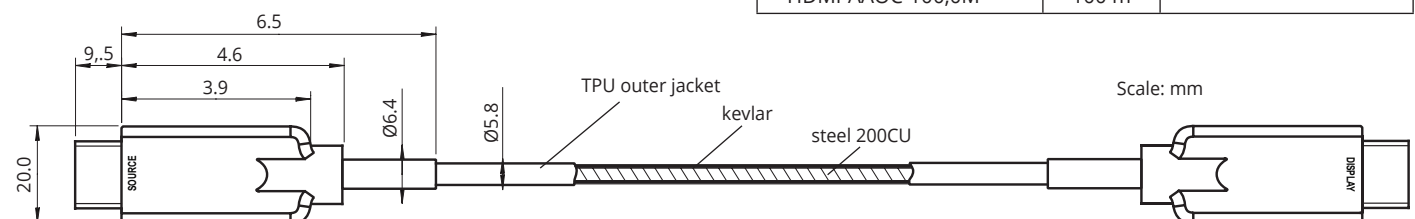
Temperature Range: -40°C up to +80°C

Accessory*

Power Cable
HMHF+USB-0,20M



*application optional
please order separately!



Supported formats / Transmission Properties

Data Rate: Up to 18 Gbps

Image Transmission: Up to 4K@60Hz UltraHD, 3D Full HD
1920x1080

Colour Sampling: 4:4:4

HDMI-Standard: 2.0

Item Numbers

Cable	Length	IP Sleeve
HDMI-AAOC-15,0M-2	15m	2x
HDMI-AAOC-30,0M-2	30 m	2x
HDMI-AAOC-50,0M-2	50 m	2x
HDMI-AAOC-100,0M-2	100 m	2x

On request:

HDMI-AAOC-15,0M-1	15m	1x
HDMI-AAOC-30,0M-1	30 m	1x
HDMI-AAOC-50,0M-1	50 m	1x
HDMI-AAOC-100,0M-1	100 m	1x

HDMI-AAOC-15,0M	15m	-
HDMI-AAOC-30,0M	30 m	-
HDMI-AAOC-50,0M	50 m	-
HDMI-AAOC-100,0M	100 m	-

