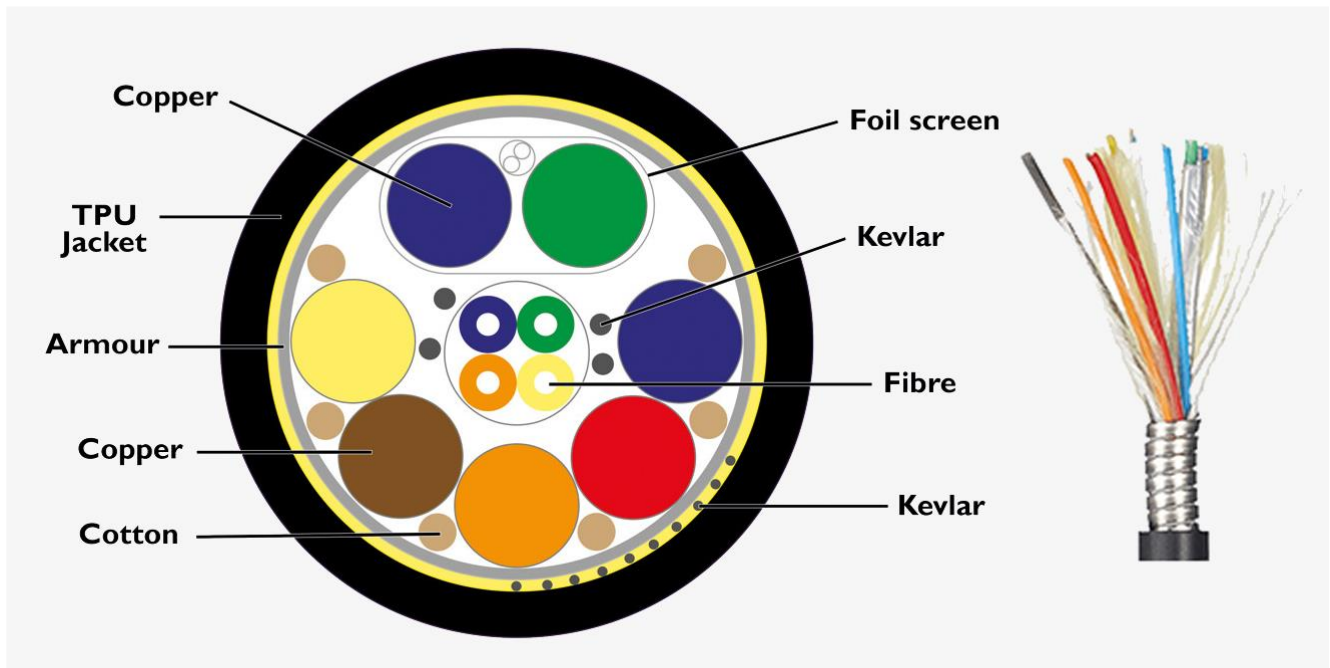


CANFORD AO-HDMI2 Active optical cables, HDMI2.0, HDMI-A to A Armoured, deployable



Active, optical, HDMI 2.0 cables intended for deployable applications where longer cable lengths than those obtainable with standard copper HDMI cables are required, (typically 10 – 15m max). They are also useful where the cable needs to pass through environments with high electrical interference. They offer a considerably more elegant and cost-effective solution for long cable runs than Cat5E cable with converter box systems.



Designed primarily for rental, stage use and other deployable scenarios these cables are 5.8mm in diameter with a TPU (thermoplastic polyurethane) jacket. Under the jacket, a layer of kevlar surrounds a flexible stainless-steel conduit that protects the core of the cable against rodents. Additional Kevlar is placed between wires within the conduit for added strength. Good flexibility is maintained with a bend radius of 45mm.

The cables are available in a range of lengths from 10 to 100 metres with options for longer lengths fitted onto a cable drum complete with IP68 rated glands and cap protecting each HDMI connector when not in use. Data transfer capability of 18Gbps, suitable for 4K at 60Hz with 48-bit colour-depth and 3D. Audio capabilities are 8-channel PCM, Dolby Digital True HD, or DTS-HD Master Audio.

The cables are terminated with HDMI type A connectors.

CANFORD AO-HDMI2 Active optical cables, HDMI2.0, HDMI-A to A Armoured, deployable

Specifications:

HDCP & DDC:	HDCP2.2 Fully Support bi-directional EDID and HDCP communication	
Video Bandwidth:	6 Gbps x3 Channel (max) + Clock.	
Supported Resolutions:	PC: WUXGA 1920 x 1200	HDTV : 480p, 720p, 1080i and 1080p deep colour, 4K(60P), 3DFull HD 1920 x 1080
O/E Converter:	Transmitter (Source):	4 channel 850 nm VCSEL array
	Receiver (Display):	4 channel GaAs PD array
Connector Type:	HDMI type A	
Cable Type:	Armoured Hybrid type with OM3 fiber and copper wire	
Armour Tube:	Coiled 200CU Stainless Steel 4.4mm O.D.	
Crush Resistance:	1000 N/100mm	
Cable Outer Diameter:	5.8mm	
Min Bend Radius:	45mm	
Jacket Outer Material:	PVC/TPU	(Custom)
Operating Temp.:	0 to 50 °C	(Storage: -40 to 70 °C)
Differential Input:	100 ohm	(typ)
Power Consumption:	250mW	(max)

38-8701 CANFORD AO-HDMI2-A10 Active optical cable, HDMI2.0, armoured, deployable, 10 metres
38-8702 CANFORD AO-HDMI2-A15 Active optical cable, HDMI2.0, armoured, deployable, 15 metres
38-8703 CANFORD AO-HDMI2-A20 Active optical cable, HDMI2.0, armoured, deployable, 20 metres
38-8704 CANFORD AO-HDMI2-A30 Active optical cable, HDMI2.0, armoured, deployable, 30 metres
38-8705 CANFORD AO-HDMI2-A40 Active optical cable, HDMI2.0, armoured, deployable, 40 metres
38-8706 CANFORD AO-HDMI2-A50 Active optical cable, HDMI2.0, armoured, deployable, 50 metres
38-8707 CANFORD AO-HDMI2-A60 Active optical cable, HDMI2.0, armoured, deployable, 60 metres
38-8708 CANFORD AO-HDMI2-A70 Active optical cable, HDMI2.0, armoured, deployable, 70 metres
38-8709 CANFORD AO-HDMI2-A80 Active optical cable, HDMI2.0, armoured, deployable, 80 metres
38-8710 CANFORD AO-HDMI2-A90 Active optical cable, HDMI2.0, armoured, deployable, 90 metres
38-8711 CANFORD AO-HDMI2-A100 Active optical cable, HDMI2.0, armoured, deployable, 100 metres

38-8712 CANFORD AO-HDMI2-A70D Active optical cable, HDMI2.0, armoured, deployable, 70 metres, on drum
38-8713 CANFORD AO-HDMI2-A80D Active optical cable, HDMI2.0, armoured, deployable, 80 metres, on drum
38-8714 CANFORD AO-HDMI2-A90D Active optical cable, HDMI2.0, armoured, deployable, 90 metres, on drum
38-8715 CANFORD AO-HDMI2-A100D Active optical cable, HDMI2.0, armoured, deployable, 100 metres, on drum

