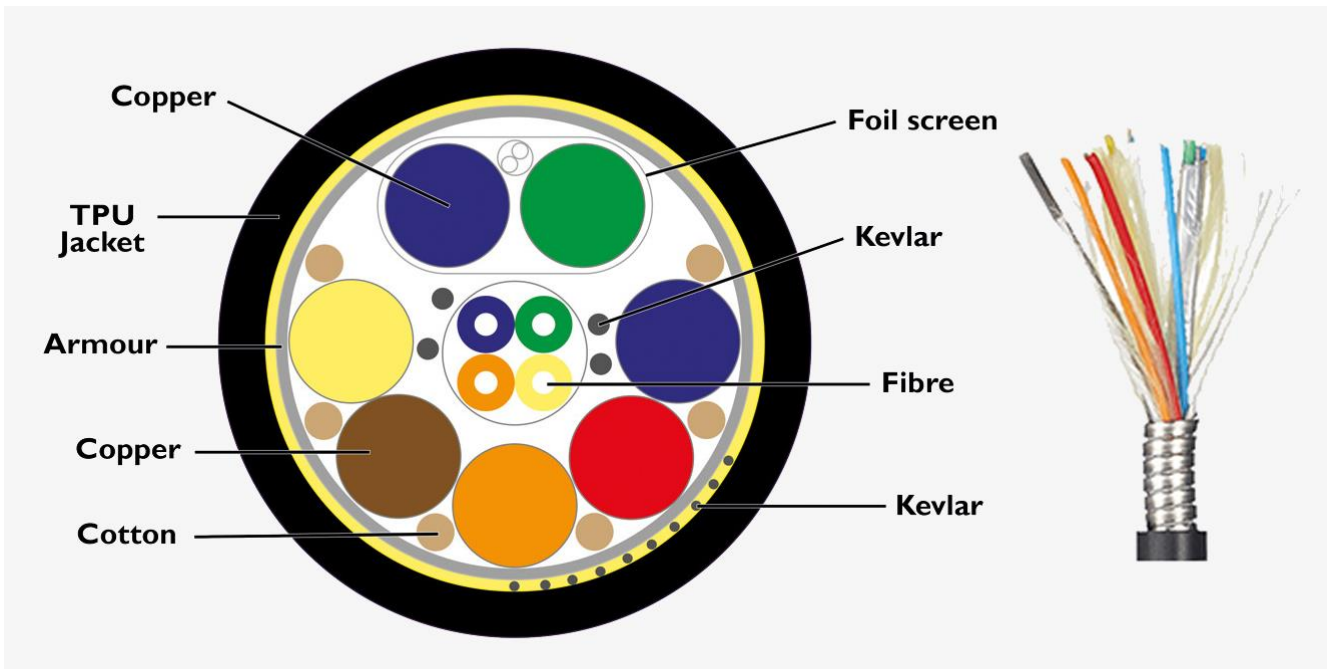


CANFORD AO-HDMI2 Active optical cables, HDMI2.0, HDMI-A to A Armoured, Locking



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. 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 locking connectors manufactured for a more secure connection than standard non-locking HDMI connectors.

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

### 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 Locking	
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)

38-9341	CANFORD AO-HDMI2-A10-L Active optical cable, HDMI 2.0, armoured, locking, 10m
38-9342	CANFORD AO-HDMI2-A15-L Active optical cable, HDMI 2.0, armoured, locking, 15m
38-9343	CANFORD AO-HDMI2-A20-L Active optical cable, HDMI 2.0, armoured, locking, 20m
38-9344	CANFORD AO-HDMI2-A25-L Active optical cable, HDMI 2.0, armoured, locking, 25m
38-9345	CANFORD AO-HDMI2-A30-L Active optical cable, HDMI 2.0, armoured, locking, 30m
38-9346	CANFORD AO-HDMI2-A40-L Active optical cable, HDMI 2.0, armoured, locking, 40m
38-9347	CANFORD AO-HDMI2-A50-L Active optical cable, HDMI 2.0, armoured, locking, 50m
38-9348	CANFORD AO-HDMI2-A60-L Active optical cable, HDMI 2.0, armoured, locking, 60m
38-9349	CANFORD AO-HDMI2-A70-L Active optical cable, HDMI 2.0, armoured, locking, 70m
38-9350	CANFORD AO-HDMI2-A80-L Active optical cable, HDMI 2.0, armoured, locking, 80m
38-9351	CANFORD AO-HDMI2-A90-L Active optical cable, HDMI 2.0, armoured, locking, 90m
38-9352	CANFORD AO-HDMI2-A100-L Active optical cable, HDMI 2.0, armoured, locking, 100m
38-9353	CANFORD AO-HDMI2-A70-L-D Active optical cable, HDMI 2.0, armoured, locking, 70m, on drum
38-9354	CANFORD AO-HDMI2-A70-L-D Active optical cable, HDMI 2.0, armoured, locking, 80m, on drum
38-9355	CANFORD AO-HDMI2-A70-L-D Active optical cable, HDMI 2.0, armoured, locking, 90m, on drum
38-9356	CANFORD AO-HDMI2-A70-L-D Active optical cable, HDMI 2.0, armoured, locking, 100m, on drum



Connector locking details and basic drum dimensions on next page

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



'Locking' Tabs ensure a more secure connection.

Basic Drum dimensions:

