



Active, optical, HDMI 2.0 cables intended for installation 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. Applications include professional AV systems interconnection, indoor and outdoor digital signage, kiosks and home theatre systems in larger properties.

The cables are CPR certified Cca, s1, d0 and 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.

Ordering notes:

- 1 The cables are for fixed installation only and not intended nor suitable for deployable applications, (see CANFORD ACTIVE OPTICAL CABLES - HDMI 2.0 - Armoured – Locking).

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

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:	Hybrid type with OM3 fiber and copper wire	
Cable Outer Diameter:	4.5mm	
Min Bend Radius:	20mm	
Jacket Outer Material:	PVC/TPU	(Custom)
CPR Class:	Cca, s1, d0	
Operating Temp.:	0 to 50 °C	(Storage: -40 to 70 °C)
Differential Input:	100 ohm	(typ)
Power Consumption:	250mW	(max)

38-9301	CANFORD AO-HDMI2-10-L Active optical cable, HDMI 2.0, locking, 10m
38-9302	CANFORD AO-HDMI2-15-L Active optical cable, HDMI 2.0, locking, 15m
38-9303	CANFORD AO-HDMI2-20-L Active optical cable, HDMI 2.0, locking, 20m
38-9304	CANFORD AO-HDMI2-25-L Active optical cable, HDMI 2.0, locking, 25m
38-9305	CANFORD AO-HDMI2-30-L Active optical cable, HDMI 2.0, locking, 30m
38-9306	CANFORD AO-HDMI2-40-L Active optical cable, HDMI 2.0, locking, 40m
38-9307	CANFORD AO-HDMI2-50-L Active optical cable, HDMI 2.0, locking, 50m
38-9308	CANFORD AO-HDMI2-60-L Active optical cable, HDMI 2.0, locking, 60m
38-9309	CANFORD AO-HDMI2-70-L Active optical cable, HDMI 2.0, locking, 70m
38-9312	CANFORD AO-HDMI2-100-L Active optical cable, HDMI 2.0, locking, 100m



'Locking' Tabs ensure a more secure connection.