

SPECIFICATION SHEET



High Speed HDMI Active Optical Cable (AOC)

- CMP Jacket
- Supports high bandwidth features such as:
 - HD 1080p
 - UHD 2K/4K
 - Deep color
 - X.V. Color™
 - 3D
 - Dolby True HD
 - DTS-HD
- Lifetime Warranty

Specifications: High Speed HDMI Active Optical Cable (AOC)

Electrical Specifications:

Signal Bandwidth:	3.4Gbps /ch
Voltage Rating	5V 0.06A
Power Consumption:	0.8W
Power Supply HDMI	Pin #18 (Draws current from the source)

Physical Specifications:

Cable Bend Radius:	6mm
Fiber Pulling / Tensile Strength:	50kg (500N)
Compression Strength:	50kg (500N)
Operating Temperature:	0 C to 50 C (32 to 122F)
Storage Temperature:	-30 degrees C to 50 degrees C (-22 to 122 F)
Relative Humidity:	5% to 85 % RHL non-condensing
Approvals:	RoHS CMP-OF
Warranty:	

Conductor:

Conductor type:	28AWG BC / 4 fiber
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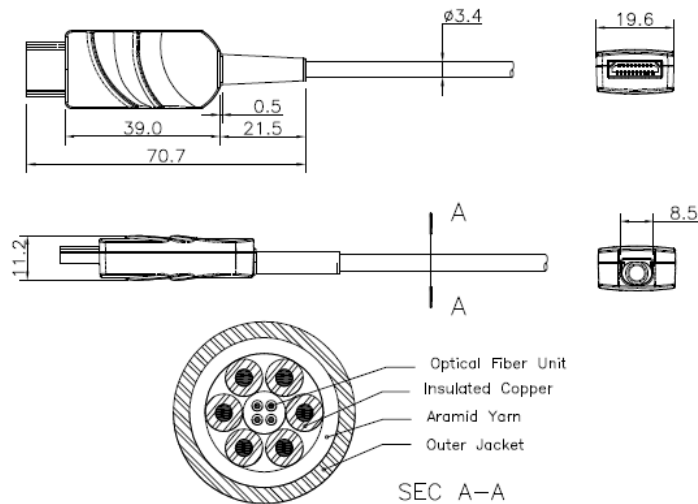
Connector (2):

Connector Type :	19 Pin HDMI Male
Housing:	Black
Plating:	Gold Flashed

Overall Cable Construction:

Drain Wire:	28AWG (7/0.127 BC)
Jacket:	Black CMP-OF
	O.D. (3.4mm +/- 0.2)

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HDMI Pin Description

PIN	Symbol	Functional description
1	CH2+	TMDS data signal channel 2 positive
2	GND	TMDS data signal channel 2 shield
3	CH2-	TMDS data signal channel 2 negative
4	CH1+	TMDS data signal channel 1 positive
5	GND	TMDS data signal channel 1 shield
6	CH1-	TMDS data signal channel 1 negative
7	CH0+	TMDS data signal channel 0 positive
8	GND	TMDS data signal channel 0 shield
9	CH0-	TMDS data signal channel 0 negative
10	CLK+	TMDS clock signal channel positive
11	GND	TMDS clock signal channel shield
12	CLK-	TMDS clock signal channel negative
13	CEC	That are connected through HDMI, by using only one of their remote controls.
14	RESERVED	N.C
15	SCL	DDC clock
16	SDA	DDC data
17	GND	DDC/CEC shield
18	5V DC	+5V
19	HPD	Monitor detector signal

Part Number	Description	Weight (lbs)
41370	35ft High Speed Active Optical Cable (AOC)	.44
41371	50ft High Speed Active Optical Cable (AOC)	.60
41372	75ft High Speed Active Optical Cable (AOC)	.86
41373	100ft High Speed Active Optical Cable (AOC)	.90



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