



ITEM	PART	DESCRIPTION
A	HDMI connector A male	Source connector
B	HDMI connector A male	Display connector
A + B	Connector type	HDMI A male (metal)
	Contacts	Gold plated
	Hood	White plastic
	Shield type	Aluminum Mylar
	Conductor material	4x fiber + 7 copper
C	Cable colour	Black
	Outer jacket	PVC
	Wire gauge	30 AWG
	Outer diameter	Ø4.5 ±0.2mm
	Bend radius	≥45mm
	Temperature range	0°C to +50°C (+5%)
	Humidity range	10% to 80%
	Max. bandwidth	48Gbps
	HDMI version	HDMI 2.1
	HDMI standard	Ultra High Speed HDMI®
	Max. resolution @ 30Hz	7680 x 4320 (8K)
	Max. resolution @ 60Hz	7680 x 4320 (8K)
	Chroma sampling	4:4:4
	Colour bit depth	12-bit
D	Protective cap	PE

Item No.	Length
AK4140	5m
AK4141	7.5m
AK4142	10m
AK4143	15m
AK4144	20m

ACT

Drawn by : EP

HDMI 8K Ultra High Speed Certified Active Optical Cable v2.1

Item : AK4140~AK4144

Unit: mm

Revision : 01-AA

Date: 18-06-2024

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