



KAYBE®
Right transmission for the future

HDMI 4K Fibercop Series

HDMI 4K FIBERCOP SERIES, FLEX 4KUHD HDMI CABLE

PART NO.: FRH4KXXM

DESCRIPTION: AOC HDMI cable delivers 4K60Hz up to 40m, 18Gbps, EMI-resistant, HDCP 2.2 compliant

The KAYBE FiberCop™ AOC technology enables seamless conversion between electrical input signals and optical signals. This ensures high-bandwidth data transmission, delivering superior performance for 4K UHD video and advanced audio formats. The optical design minimizes EMI interference, maintaining stable signal integrity across extended lengths up to 40 meters. Engineered for reliability, it supports demanding applications requiring consistent high-speed and high-quality data transfer.



KEY ADVANTAGES

1. 4K60Hz video quality with plug-and-play functionality
2. EMI-resistant optical cables (20–40m) with HDCP 2.2 compliance
3. 18Gbps bandwidth, Dolby TrueHD & DTS-HD Master Audio support
4. HDMI 19-pin gold-plated copper connectors with PCBA chipset
5. Flame-rated high-grade jacket for enhanced safety

ORDERING INFORMATION

FRH4KXXM
XX = length of cable
Eg: 15meter is FRH4K15M

CONSTRUCTION DATA SHEET

Product Group	HDMI Solutions
Product Type	FIBERCOP HDMI SERIES
Video Resolution	4096 x 2160 (4K60HZ)
PHYSICAL CHARACTERISTICS	
Cable Color	Smooth Black
Flammability Rating	VW-1, 80c
Connectors	2 x Type A Male
Connectors Color	Metal GREY, ZINC ALLOY SHELL
Area of application	Internal / External
Cable shielding	Double Screened
Drain Wire	Tinned Copper 28AWG
Outer Diameter	5.0mm to 6.0mm for different lengths
Insulation	28AWG to 30AWG

ENVIRONMENTAL CHARACTERISTICS

Operating Temperature Range	0° to 70°C
Storage Temperature Range	-40° to 80°C
Operating Humidity Range	0% to 85% RH, Non-Condensing

ORDERING INFORMATION AS PER FOLLOWS

PART NO	PRODUCT DETAIL	PACKAGING	BULK PACKAGING IN CARTONS (CTN)
FRH4K15M	HDMI 4K FIBERCOP FLEX SERIES, Metal Earthed A-A Connectors, 2.0V, Ultra HD, 15meters	Male to Male 1 PC / Pack	10pcs/ctn
FRH4K20M	HDMI 4K FIBERCOP FLEX SERIES, Metal Earthed A-A Connectors, 2.0V, Ultra HD, 20meters	Male to Male 1 PC / Pack	10pcs/ctn
FRH4K25M	HDMI 4K FIBERCOP FLEX SERIES, Metal Earthed A-A Connectors, 2.0V, Ultra HD, 25meters	Male to Male 1 PC / Pack	10pcs/ctn
FRH4K30M	HDMI 4K FIBERCOP FLEX SERIES, Metal Earthed A-A Connectors, 2.0V, Ultra HD, 30meters	Male to Male 1 PC / Pack	10pcs/ctn
FRH4K40M	HDMI 4K FIBERCOP FLEX SERIES, Metal Earthed A-A Connectors, 2.0V, Ultra HD, 40meters	Male to Male 1 PC / Pack	10pcs/ctn
FRH4K50M	HDMI 4K FIBERCOP FLEX SERIES, Metal Earthed A-A Connectors, 2.0V, Ultra HD, 50meters	Male to Male 1 PC / Box	10pcs/ctn

OTHER PRODUCTS INCLUDE

4K PLATINUM SERIES	4K HDMI MATRIX SWITCHES	4K HDMI EXTENDERS	4K HDMI SPLITTERS
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