



Technical Data Sheet

PRS⁴ Passive Ultra High Speed 48Gbps HDMI Cable

0.5m	1.0m	1.5m	2.0m	3.0m
4.0m	5.0m	7m	9m	

Makes installation easier

Kordz PRS⁴ Passive Ultra High Speed 48Gbps HDMI Cables are designed to meet the high demands and rigours of professional integration, with its compact, gold-plated 2kg retention die-cast HDMI connectors, and highly flexible fire-rated cable. Ultra High Speed certified to 9m, enabling hassle-free and electronics-free installation supporting the latest HDMI features when using 4K HFR or 8K devices.

- Ultra High Speed Certified
- Supports 48Gbps 8K60 Dynamic HDR on all lengths
- Compact connector with full internal zinc-alloy diecast housing
- Easy installation aided by the unique Kordz shark-nose dust-cap
- Each cable individually performance tested
- Flexible UL CMG fire-rated cable perfect for high performance applications
- RoHS Compliant
- Lifetime warranty



Technical Specifications				Reference Standards:	
HDMI Cable Certification				0.5m to 9.0m Lengths	
HDMI CTS (Certified Test Specifications)				Ultra High Speed HDMI® Cable	
Certified Data Rate				12.0Gbpsc, 48Gbps agg	
Supported Data Rate				≥12.0Gbpsc, 48Gbps agg (8K UHD)	
HDMI Clock				1200MHz	
Construction					
Primary Conductors		Solid 30 - 24 AWG OFC, length dependent			
Insulation		FRL/TMDS Pairs		Polyethylene	
		4C + HEAC Pairs		HDPE / Polyethylene	
Shielding		FRL/TMDS Pairs		AL/Mylar, 100% Coverage with 25% Overlapping	
		Overall		AL/Mylar, 125% Coverage + Tinned copper braid, min 85% coverage	
Cable Jacket Material				UL CMG fire-rated PVC composite materials	
HDMI Connector Shell				Anti-fatigue die cast Zn alloy, 1μ” 24K Gold plated	
HDMI Connector Pins				Solid OFC, 15μ” 24K Gold plated	
Termination				High frequency soldering	
HDMI Back-shell				ABS front shell with PVC injection moulded boot and strain relief	
Mechanical					
Cable Diameter		0.5m – 3.0m: 30 AWG 6.0mm / 0.24in Ø 4.0m – 5.0m: 26 AWG, 8.0mm 0.31in Ø 7.0m – 9.0m: 24 AWG 9.0mm 0.35in Ø			
Mounting Depth		0.5m – 3.0m: 30AWG, 59.0mm/2.3” 4.0m – 5.0m: 26 AWG, 66mm/2.6” 7.0m – 9.0m: 24 AWG, 110.5mm/4.4”			
Cable Bend Radius		0.5m – 3.0m: 30 AWG, 25.0mm/1.0” 4.0m – 5.0m: 26 AWG, 32.0mm/1.3” 7.0m – 9.0m: 26 AWG, 72.0mm/2.8”			

Part No	Length	AWG	Technology	Inner Ctn Qty	Master Ctn Qty
K36426-0050-CH	0.5m	30	Passive	15	90
K36426-0100-CH	1.0m	30	Passive	12	72
K36426-0150-CH	1.5m	30	Passive	10	60
K36426-0200-CH	2.0m	30	Passive	8	48
K36426-0300-CH	3.0m	30	Passive	6	36
K36426-0400-CH	4.0m	26	Passive	8	24
K36426-0500-CH	5.0m	26	Passive	6	18
K36426-0700-CH	7.0m	24	Passive	n/a	10
K36426-0900-CH	9.0m	24	Passive	n/a	10

The diagrams illustrate the mechanical specifications for the HDMI cables, including dimensions for the connector, cable diameter, mounting depth, and minimum bend radius during installation.

- Diagram 1 (Left):** Shows the connector dimensions for 0.5m to 3.0m cables (30 AWG). Dimensions include 1.6in (40.6mm) for the connector body, 0.25in (6.35mm) for the pin, and 0.25in (6.35mm) for the cable diameter. The minimum operational depth is 2.6 in / 65.9 mm.
- Diagram 2 (Middle):** Shows the connector dimensions for 4.0m to 5.0m cables (26 AWG). Dimensions include 1.7in (42.8mm) for the connector body, 0.25in (6.35mm) for the pin, and 0.25in (6.35mm) for the cable diameter. The minimum operational depth is 3.1 in / 78.9 mm.
- Diagram 3 (Right):** Shows the connector dimensions for 7.0m to 9.0m cables (24 AWG). Dimensions include 1.3in (34.0mm) for the connector body, 0.25in (6.35mm) for the pin, and 0.25in (6.35mm) for the cable diameter. The minimum operational depth is 4.4 in / 110.5 mm.

Minimum bend radius during installation is specified for each cable length and AWG:

- 0.5m – 3.0m: 25.0mm / 1.0"
- 4.0m – 5.0m: 32.0mm / 1.3"
- 7.0m – 9.0m: 72.0mm / 2.8"