



Technical Data Sheet

PRS⁴ Active Optical HDMI Cables

10m

15m

20m

Designed for high performance applications

The Kordz PRS⁴ Active Optical HDMI Cable are designed to meet the high demands and rigour of professional integration. The Kordz PRS⁴ range features cables that are compact, tough and flexible with a 2kg retention force die-cast connector. Kordz PRS⁴ HDMI Active Optical Cables support the full features and benefits of the latest HDMI technology when using 4K HFR or 8K devices.

- Ultra High Speed certified
- 48Gbps support for 8K/10K, Dynamic HDR, VRR, HFR, 3D, FRL
- Robust engineering and construction with premium materials
- 15µ" gold-plated solid copper pins
- Compact connector with full internal zinc-alloy diecast housing
- Easy installation aided by the unique Kordz shark-nose dust-cap
- Convenient easy tear bulk packaging minimising waste on site
- Low Smoke Zero Halogen Construction
- High contrast detailed labelling with inventory management design
- No external power dependencies, it works like a normal passive HDMI cable
- Available in 10m, 15m, 20m lengths



Technical Specifications				
HDMI Cable Certification			10.0m to 20.0m Active Optical	
HDMI CTS (Certified Test Specifications)			Ultra High Speed HDMI® Cable	
Certified Data Rate			12.0Gbps, 48Gbps agg	
Supported Data Rate			≥12.0Gbps, 48Gbps agg (8K UHD)	
HDMI Clock			1200MHz	
Construction				
Primary Channels (TMDS/FRL)			OM2 (50/125) optical fibre	
4C + HEAC Pairs	Conductors		Bare Copper, 32-27 AWG	
	Insulation		Foamed Polyethylene	
Overall Shielding			AL/PET, 125% Coverage + Tinned copper braid, min 85% coverage	
Cable Jacket Material			LSZH-rated Composite	
HDMI Connector Shell			Anti-fatigue die cast Zn alloy, 1µ" 24K Gold plated	
HDMI Connector Pins			Solid OFC, 15µ" 24K Gold plated	
Active Optical Technology			Directional, In-shell Optical Light Engine	
HDMI Back-shell			ABS front shell with PVC injection moulded boot and strain relief	
Mechanical				
Connector Width			20.0mm 0.78in	
Connector Length			17.0mm 0.67in	
Inserted Depth			41.9mm 1.65in	
SR Length			14.4mm 0.57in	
Connector Height			10.3mm 0.41in	
Cable Diameter	10.0m / 15.0m		5.5mm 0.22in	
	20.0m		8.5mm 0.33in	
Mounting Depth	10.0m / 15.0m		65mm 2.6in	
	20.0m		71mm 2.8in	
Cable Bend Radius	10.0m / 15.0m		20.0mm 0.78in	
	20.0m		25.0mm 0.98in	
Connector Retention Force			20N (approx 2kg / 4.4lbs) +10/-5%	
Part No	Length	Technology	Inner Ctn Qty	Master Ctn Qty
K36522-1000-CH	10m	Active Optical	10	20
K36522-1500-CH	15m	Active Optical	8	16
K36522-2000-CH	20m	Active Optical	n/a	6



