



## Technical Data Sheet

# PRS<sup>4</sup> Active Optical HDMI Cables



### Designed for high performance applications

The Kordz PRS<sup>4</sup> Active Optical HDMI Cable are designed to meet the high demands and rigour of professional integration. The Kordz PRS<sup>4</sup> range features cables that are compact, tough and flexible with a 2kg retention force die-cast connector. Kordz PRS<sup>4</sup> 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	
<b>Construction</b>				
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	
<b>Mechanical</b>				
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			4.0m - 5.0m 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

