



Technical Data Sheet

PRS⁴ Active Optical HDMI Cables



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		10.0m to 20.0m Active Optical
HDMI Cable Certification		Ultra High Speed HDMI® Cable
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	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	6	12
K36522-1500-CH	15m	Active Optical	6	12
K36522-2000-CH	20m	Active Optical	5	10

