

Technical Data Sheet

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



Designed for high performance applications

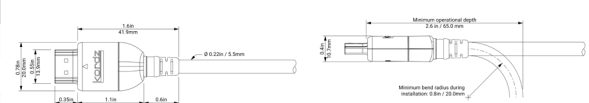
Kordz PRS4 Active Optical Ultra High Speed HDMI Cable is designed to meet the high demands and rigours of professional integration, with its compact, gold-plated 2kg retention die-cast HDMI connectors, and highly flexible fire-rated cable. Ultra High Speed certified to 20m, enabling the full benefits of the latest HDMI technology when using 4K HFR or 8K devices. Kordz PRS4 Active Optical Ultra High Speed HDMI Cable is designed to meet the high demands and rigours of professional integration, with its compact, gold-plate 2kg retention die-cast HDMI connectors, and highly flexible fire-rated cable. Ultra High Speed certified to 20m, enabling the full benefits of the latest HDMI technology when using 4K HFR or 8K devices.

- Ultra High Speed certified
- Supports 48Gbps 8K60 Dynamic HDR on all lengths
- 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
- Each cable individually performance tested
- 2 year warranty



| Technical Specifications   |   |
|--|---|
| <b>HDMI Cable Certification</b> 10.0m to 20.0m Active Optical                            |   |
| <b>HDMI CTS (Certified Test Specifications)</b> Ultra High Speed HDMI® Cable             |   |
| <b>Certified Data Rate</b> 12.0Gbps, 48Gbps agg  |   |
| <b>Supported Data Rate</b> ≥12.0Gbps, 48Gbps agg (8K UHD)                                |   |
| <b>HDMI Clock</b> 1200MHz  |   |
| <b>Construction</b>  |   |
| <b>Primary Channels (TMDS/FRL)</b> OM2 (50/125) optical fibre                            |   |
| <b>4C + HEAC Pairs</b>   | <b>Conductors</b> Bare Copper, 32-27 AWG                |
|  | <b>Insulation</b> Foamed Polyethylene                   |
| <b>Overall Shielding</b> AL/PET, 125% Coverage + Tinned copper braid, min 85% coverage   |   |
| <b>Cable Jacket Material</b> LSZH-rated Composite  |   |
| <b>HDMI Connector Shell</b> Anti-fatigue die cast Zn alloy, 1µ" 24K Gold plated          |   |
| <b>HDMI Connector Pins</b> Solid OFC, 15µ" 24K Gold plated                               |   |
| <b>Active Optical Technology</b> Directional, In-shell Optical Light Engine              |   |
| <b>HDMI Back-shell</b> ABS front shell with PVC injection moulded boot and strain relief |   |
| <b>Mechanical</b>  |   |
| <b>Connector Width</b> 20.0mm   0.78in   |   |
| <b>Connector Length</b> 17.0mm   0.67in  |   |
| <b>Inserted Depth</b> 41.9mm   1.65in  |   |
| <b>SR Length</b> 14.4mm   0.57in   |   |
| <b>Connector Height</b> 10.3mm   0.41in  |   |
| <b>Cable Diameter</b>  | 10.0m / 15.0m / 20.0m 5.5mm   0.22in / 8.5mm   0.33in   |
| <b>Mounting Depth</b>  | 10.0m / 15.0m / 20.0m 65mm   2.6in / 71mm   2.8in       |
| <b>Cable Bend Radius</b>   | 10.0m / 15.0m / 20.0m 20.0mm   0.78in / 25.0mm   0.98in |
| <b>Connector Retention Force</b> 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             |



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