



Technical Data Sheet

# PRO<sup>4</sup> 48Gbps Active Optical HDMI Cable



The Kordz PRO4 Active Optical HDMI Cable is the professional grade solution for uncompressed 8K/10K HDMI connectivity over ultra long distances. Supporting full 48Gbps data rates, it delivers seamless performance from 7.5m up to 100m, with minimal latency and no external power required. Its lightweight ABS connector assembly with gold-plated HDMI connector ensure secure, reliable connections, while the robust 4.7mm cable diameter and 20kg pull-force rating provide exceptional durability. Individually tested and DPL Labs certified for true 48Gbps performance, the PRO4 AOC HDMI Cable is the professional's choice for demanding AV installations.

- Supports uncompressed 48Gbps for 8K/10K video transmission up to 100m
- No external power required for ease of installation
- Lightweight ABS connector assembly with 1kg retention force
- Inner metallic shell for component protection and EMI shielding
- 4.7mm cable diameter with 20kg pull rating for durability
- Individually tested and DPL Labs certified for guaranteed performance
- Fire-rated to UL CMG standards for fire safety
- Backed by a 2-year warranty
- Eco-friendly packaging



Technical Specifications

Performance	7.5m to 100.0m Active Optical
HDMI Certification	High Speed with Ethernet
Supported HDMI Data Rate	DPL Labs certified 48Gbps (12Gbps per lane)
Other HDMI Features	eARC not supported
<b>Construction</b>	
Primary Channels (TMDS/FRL)	OM3 (50/125) optical fibre
4C + HEAC Pairs	Conductors: Tinned Copper, 30-26 AWG
	Insulation: Foamed PE / HDPE
Overall Shielding	AL / Mylar
Cable Jacket Material	UL CMG fire-rated PVC composite materials
HDMI Connector Shell	Premium gauge folded steel, 1µ" 24K Gold-plated
HDMI Connector Pins	Solid OFC, 18µ" 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>	
Cable Diameter	4.7mm / 0.19in Ø
Mounting Depth	7.5m-20m: 70.1mm / 2.76in   25m-100m: 84.8mm / 3.34in
Cable Bend Radius	37.6mm
Connector Retention Force	1 kgf / 10N (nominal)

Part No	Length	Box Size	Carton Size	Master Ctn Qty
K2651G-0750-CH	7.5m   24.6ft	270 (L) x 270 (W) x 28 (H) mm	558(L) x 298(W) x 310(H)mm	20 pcs
K2651G-1000-CH	10.0m   32.8ft			
K2651G-1250-CH	12.5m   41ft			
K2651G-1500-CH	15.0m   49.2ft			
K2651G-2000-CH	20.0m   65.6ft	270 (L) x 270 (W) x 48 (H) mm		12 pcs
K2651G-2500-CH	25.0m   82ft			
K2651G-3000-CH	30.0m   98.4ft			
K2651G-5000-CH	50.0m   164ft	270 (L) x 270 (W) x 70 (H) mm		8 pcs
K2651G-7500-CH	75.0m   246.1ft			
K2651G-100M-CH	100.0m   328.1ft			

