

ROSS™

HDMI

2
metre
6.56ft
TECHNICAL DATASHEET: HPHDMI2-R0
 - Ross High Performance Angled & Adjustable HDMI Cable - 2m

With the Ross High Performance cable range you have the highest quality digital video and audio cables for the sharpest picture, deepest colour and high resolution sound. With stylish design and quality construction the high performance range offers the maximum impact for a reasonable price. All high performance range cables ensure satisfaction is guaranteed.


Specifications:

A superb choice of cable for connecting LED/LCD/Plasma Digital HD & 3D TV's to Free-view/Sky or Virgin boxes, games consoles, Blu-ray & DVD players. Available in a variety of lengths, always select the closest length to the job required to ensure the best signal quality and a tidy installation.

- This stylish Ross cable is 24K Gold plated HDMI Male to Male with a chrome plated zinc alloy shell & the cable is protected by a PVC jacket
- Adjustable HDMI connector for tight or unusual angles
- Supports all HDMI connections including next generation Ultra HD/4K televisions
- Supports HDMI with Ethernet - take advantage of your SMART internet-enabled devices without a separate Ethernet cable
- Resolutions up to 4K@50/60 (2160p) - 4 times the clarity of 1080p/60 video resolutions, for the ultimate audio & visual experience
- Delivers true 3D gaming & home cinema experience
- 24K Gold plated connector resists corrosion & ensures and optimum connection for maximum signal transfer
- 30AWG Bare Copper conductor standard HDMI wire
- Backwards compatible with previous HDMI standards
- High pure Oxygen Free Copper conductor for maximum conductivity & reliability
- Supports wide angle theatrical 21:9 video aspect ratio
- Up to 32 audio channels for a multi-dimensional immersive audio sensation
- Transfer digital audio & video signals at speeds of up to 18 Gigabytes per second
- Up to 1536kHz audio sample frequency for the highest audio fidelity
- Simultaneous delivery of dual video streams to multiple users on the same screen
- Compatible with multiple audio formats from stereo to multi-channel sound
- Real time delivery of multi-stream audio to multiple users (Up to 4)
- Dynamic synchronisation of video & audio streams

HDMI™
 HIGH-DEFINITION MULTIMEDIA INTERFACE


HDMI ■ | SCART ■ | COAX ■ | F/SAT ■ | USB ■ | AUDIO ■ | CARE □ | DISTRIBUTION ■



CONSTRUCTION & DIMENSIONS SHEET: HPHDMI2-R0

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HDMI Cable Construction

"OFC" Oxygen Free Copper Conductors - Provide optimum signal transfer

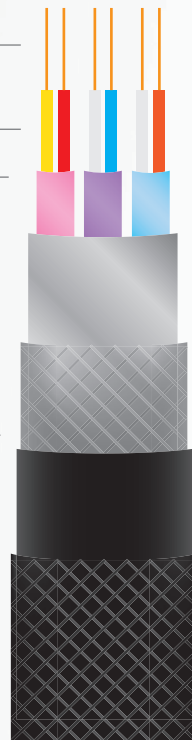
Dielectric Shield - High temperature resistance, maximises signal transfer data and minimises attenuation

Triple-layer Shielding - Twisting pairs to reduce internal interference between different impedances signals

- Copper braid shielding - high frequency protection, Low DC resistance
- Aluminium Mylar foil provides additional protection from outside noise

Protective Jacket - Polyurethane protective provides toughness and durability

Nylon Protective Sleeve - Minimises strain on the cable



Head construction

Noise and interference that can degrade an HDMI signal is often introduced at the connector. Ross cable precision engineers its HDMI termination and internal components in order to reject external noise, which can cause bit error and degrade the picture and sound. The connectors are 24K gold plated contacts for maximum signal transfer & ultra-low distortion at the point of connection. They are also silver-content soldered which connects the HDMI cables conductors to the connectors internal connection pins. Which lowers resistance and maximises digital signal transfer.

The Ross high performance HDMI cable features a heavy-duty internal metal shell. As a result, the internal conductor wiring routed inside the connector is always fully shielded with metal. Providing an extra defence against interference that can enter at the connector and degrade the digital signal. In addition this makes the whole connector stronger, preventing internal breakage at any solder point between the conductors and connectors when the cable is installed or disconnected. The head construction is finished with a strain relief to aid installation and protect the cables geometry when the cable is under tension.

Cable construction

The Ross High Performance HDMI cables are constructed from 'OFC' Oxygen Free Copper to maintain signal transfer. Wrapped in a dielectric insulation foam for maximum signal transfer. Protected by high density triple-layer shielding for maximum noise rejection. Triple layers consist of a copper braid shielding covering the insulated braid, this offers high frequency protection and low DC resistance. These are then wrapped in foil tape shielding offering maximum coverage and added protection and finally wrapped in Copper braid shielding for high frequency protection and low DC resistance. This is all covered by a Polyurethane protective jacket and nylon protective sleeve to provide toughness and durability overall providing a robust design that will last.

Packaging Information:

Product Number	Description	Product Packaging		Inner Packaging		Outer Packaging	
		Type	Barcode	Type	Barcode	Type	Barcode
HPHDMI2-R0	Performance	Hanging Box	5015056529097	White Box	05015056529103	Brown Box / Black Marking Ross	05015056529110

Weight & Dimensions:

Product			Inner Carton			Outer Carton					
Dimensions	Weight		Qty	Dimensions	Weight		Qty	Dimensions	Weight		Qty
	Gross	Net			Gross	Net			Gross	Net	
24cm x 11.5cm x 3.5cm	0.18	0.13	1	38cm x 25cm x 12.5cm	2	1.80	10	27cm x 39.5cm x 52cm	9	8	40