Ultra96 HDMI® Cable



Features

-World's First & Longest.

-96Gbps bandwidth (Ultra96) – 2x the previous generation.

-Up to 16K@60Hz, 12K@120Hz; uncompressed 8K@60Hz, 4K@240Hz (4:4:4, 10/12-bit).

-Supports Dynamic HDR.

-eARC simplifies connectivity and supports most advanced audio formats and quality.

-Supports enhanced gaming and media features (VRR / QMS / QFT / ALLM).

-Supports LIP (Latency Indication Protocol) for automatic audio/video sync.

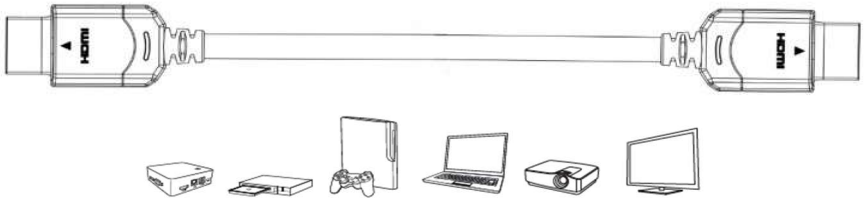
-HDMI 2.2 Specification is backward compatible with earlier versions.

-Low EMI emissions help reduce interference with nearby wireless devices.

Applications

OUTPUT

Graphic Cards
Gaming Devices
Industrial Equipment
Medical Equipment



INPUT

Projector
Monitor
TV

Specification

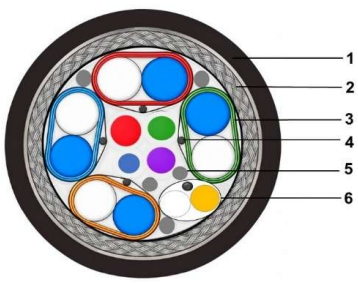
HDMI Signal Support	
HDMI Standards	2.0 (18Gbps) / 2.1 (48Gbps) / 2.2 (96Gbps)
Video Format	8K@60Hz & 4K@240Hz (4:4:4, 10/12-bit)
Data Rate	18Gbps / 48Gbps / 96Gbps
Control Signal	HDCP 2.3 / EDID / CEC / DDC
Connector	HDMI Type A Connector
Audio Support	DTS Master, DTS:X, Dolby TrueHD, Dolby Atmos

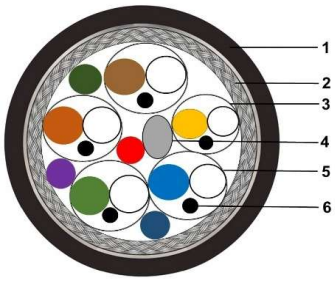
Physical Properties	
Power	No external power
Op. Temp.	0°C to 50°C
Humidity	10% ~ 80% RH
Bending Radius	72mm
Pulling Force	4KG
Flame Retardant	VW-1

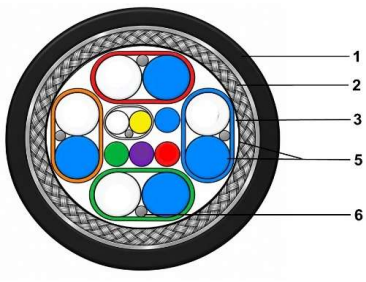
Construction

Twist pair Geometry

1. Jacket
2. Braid
3. Mylar
4. Drain
5. Filler
6. Al-Mylar







Johnson Components & Equipments Co., Ltd.
No. 14, Huacheng Rd., Xinzhuang, Dist.,
New Taipei City, 242039, Taiwan
T:+886-2-29915990

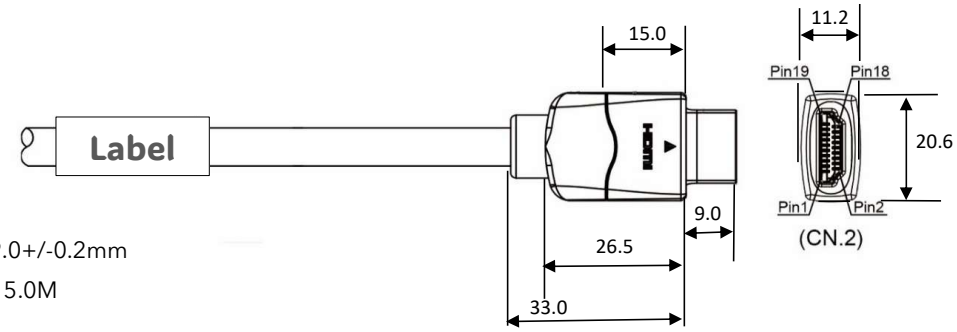
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Cable Code Reference

JCE Cable Code	AWG	OD (mm)	Length (m)
354040001 354050001	24	9	4.0 / 5.0
354030005	28	6.5	3.0
354010009 354010008 354020010 354020011	30	5.5	0.5 /1.0 / 1.5 / 2.0

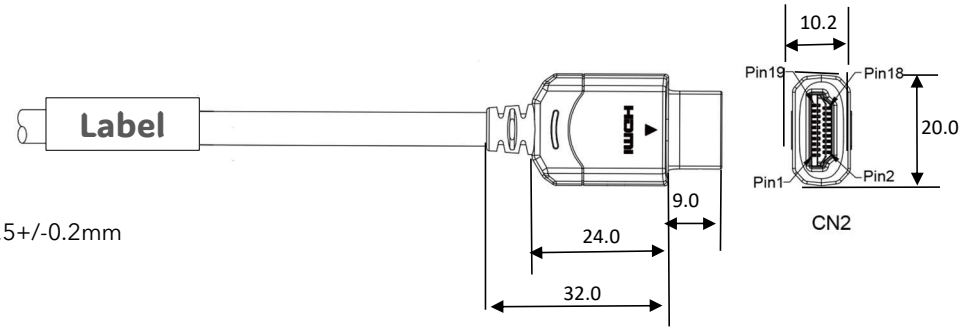
Form

(mm)



AWG24 OD： 9.0+/-0.2mm

Length：4.0M / 5.0M



AWG28 OD： 6.5+/-0.2mm

Length：3.0M

AWG30 OD： 5.5+/-0.2mm

Length：0.5M / 1.0M / 1.5M / 2.0M

Certification

JCE (Member of CTi Group) achieved two industry firsts: HDMI 2.2 Category 4 (CAT4) connector approval and certification of a 5 m (24 AWG) passive copper Ultra96 HDMI® Cable—the world's longest certified length in its class. The complete portfolio covers 0.5 m, 1 m, 1.5 m, 2 m, 3 m, 4 m and 5 m, with all lengths HDMI Forum ATC-certified for 96Gbps transmission and low EMI performance.

















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