

【Product Picture】



【Product Description】

The CG865 HDMI Cable series delivers cutting-edge HDMI 2.1 performance across extended lengths (5m/10m), supporting ultra-high bandwidth up to 48Gbps for resolutions up to 8K@60Hz and 4K@120Hz. With 24K gold-plated connectors, triple-layer shielding, and a black PVC outer sheath, this series ensures stable signal transmission even over long distances. Ideal for advanced home theaters, gaming setups, and professional AV installations requiring uncompromised quality.

Technical data sheet



CG865 HDMI Cable

Version: A/0

【Tech Specs】

Technical Specification	Description
Model	CG865-5.0/10.0
Color	Black
Connector Type	HDMI Type A
HDMI Version	HDMI 2.1
Supported Resolutions	8k@60Hz/4k@120Hz
Bandwidth	Ultra High Speed (48 Gbps)
Cable Length	5.0m,10.0m
Cable Type	Premium HDMI cable
Connector Material	Gold-plated
Shielding	Triple shielded
Compatibility	Ethernet ,eARC,HDCP 2.2,HDR
3D Support	Yes
Audio Formats Supported	Dolby TrueHD,AC-4,Dolby Atmos,DTS:X,DTS-HD Master Audio,LPCM 7.1,Auro 3D,MPEG-H
Ethernet Channel	Yes
HDR Support	Dynamic HDR,HDR10, Dolby Vision, HDR10+
Refresh Rate Support	60Hz, 120Hz
HDCP Support	HDCP 2.2
ARC Support	Yes
CEC Support	NO
Compliance Standards	HDMI Compliance Test Specification (CTS), HDCP,EDID
Jacket Material	PVC

【Features】

- 1. Extended Length Stability:** Engineered for 5m and 10m runs with reinforced shielding to minimize signal loss and EMI interference.
- 2. 8K & 4K@120Hz Ready:** Delivers crystal-clear visuals for next-gen gaming and cinematic experiences.
- 3. HDMI 2.1 Full Support:** 48Gbps bandwidth ensures compatibility with VRR, ALLM, and QMS for seamless performance.
- 4. HDR & eARC Support:** Enables vivid HDR content and high-fidelity audio via eARC for immersive sound.
- 5. Professional-Grade Shielding:** Triple-layer protection guarantees interference-free transmission.
- 6. Wide Device Compatibility:** Connects gaming consoles, 8K TVs, AV receivers, and professional equipment.

【Application Environment】

- 1. Ultra HD Home Theaters:** Link 8K TVs to media players or soundbars in medium-sized rooms.
- 2. Large Venue Projections:** Connect PCs to 4K projectors in auditoriums or conference halls.
- 3. Competitive Gaming:** Enable low-latency 4K@120Hz gameplay across expansive setups.
- 4. Studio Productions:** Integrate cameras and monitors in professional editing environments.
- 5. Smart Home Integration:** Streamline connections between smart TVs and centralized AV systems.
- 6. Educational Facilities:** Deliver high-resolution content to interactive displays in lecture halls.

【Important Notice】

- 1. Signal Integrity:** For 10m cables, use HDMI 2.1-certified active repeaters to maintain 8K/4K@120Hz performance.
- 2. Bend Management:** Avoid sharp bends (especially at connectors) to preserve internal wiring integrity.

3. **Installation Testing:** Verify signal stability with target devices before finalizing long-distance setups.
4. **Humidity & Heat:** Do not install near heat sources or in high-humidity areas to prevent damage.