

50m Fibre Optic Hybrid Micro-HDMI 8K60 LSZH Cable with Detachable HDMI Connectors

No.: 38546

Reliable Micro-HDMI® or HDMI® connection over long distances

Description

- Combines copper and fibre optic cable for hybrid long-distance transmission with the EMI/RFI resistance of fibre optic
- Supports 48G resolutions up to 8K@60Hz with HDR
- Slim, durable, and installer-friendly with premium metal Micro-HDMI® connectors that fit easily through conduit and tight spaces
- Minimises toxic emissions with LSZH (Low Smoke Zero Halogen) jacket
- 3 year warranty

Lindy_s Fibre Optic Hybrid Micro-HDMI® 8K60 Cables with detachable connectors are the professional choice for extending Micro-HDMI® or HDMI® signals over long distances without the need for additional adapters. By combining the flexibility and superior EMI and RFI resistance of fibre optic technology with the reliability of copper cabling, these hybrid cables provide outstanding performance and signal integrity, ideal for demanding AV environments, professional installations, and commercial setups.

The halogen-free sheath material of the LSZH cable makes the product suitable for use in public spaces with its low smoke emission and elimination of toxic halogen emissions. Ideal for safety-critical installations, this cable is perfectly suited for public environments such as schools, transport hubs, and government buildings, anywhere safety compliance and performance are essential (CPR certified Cca s1 d0).

Featuring a thin, lightweight cable design and premium metal narrow Micro-HDMI® connectors, these cables can be easily routed through conduit, trunking, ortight installation spaces without compromising cable integrity. Once in place, the detachable HDMI® connectors can be attached at either end to expand connectivity options, enabling seamless integration with a wide variety of source devices and displays such as TVs, projectors, PCs, or digital signage players. The modular design gives users complete flexibility to customise their setup with both Micro-HDMI® and full-size HDMI® terminations as required.

Supporting the full 2.1 specification, these cables deliver resolutions of up to 8K at 60Hz, ensuring stunning clarity and detail for immersive visual experiences, from attention grabbing retail displays to high end residential installations and live event environments.

HDR support guarantees exceptional contrast, vibrant colour reproduction, and optimal brightness for life like, dynamic visuals, even in bright or outdoor conditions. In addition, multi-channel audio, including formats such as Dolby TrueHD and Dolby Atmos, ensures a rich, enveloping sound experience to perfectly complement the high quality visuals.

ARC functionality is supported up to 20m and eARC to 15m when used with HDMI® compliant devices.

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade Dress, and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Technical details

Connectors

- Connector A: Micro-HDMI® Male (with Detachable HDMI® Connector)
- Connector B: Micro-HDMI® Male (with Detachable HDMI® Connector)
- Housing Material: Zinc Alloy
- Connector Plating: Gold Plated
- Pin Construction: Phosphor Bronze
- Pin Plating: Gold Plated
- Dimensions (approx.) WxDxH:
  - Micro-HDMI® Connector: 44.2x12.7x7.1mm (1.74x0.5x0.28in)
  - HDMI® Connector: 48.2x20x10mm (1.9x0.79x0.39in)

Cable Construction

- Length: 50m (164.04ft)
- Standard: 2.1
- Colour: Black
- Type: Round
- Jack Diameter: 4.5mm (0.17in)
- Jack Material: LSZH
- Conductor Material: Gold Plated Copper
- Conductor Gauge: 24AWG
- Shielding: Aluminium Mylar

Specifications

- Supported Bandwidth: 48Gbps
- Maximum Resolution: 7680x4320@60Hz 4:4:4 10bit
- Nominal Attenuation: -1dB~-2dB
- Minimum Bend Radius: 45mm (1.77in)
- Operating Temperature: 0°C - 50°C (32°F - 122°F)
- Storage Temperature: -40 to 70°C (-40°F - 158°F)

Miscellaneous

- Packaging Type: Carton box
- Warranty (Years): 3
- Product Compliance: CE, FCC, RoHS, REACH & California Proposition 65

Purchasing Information

- No.: 38546
- EAN: 4002888385466

This product is also available in other lengths

- 38540 - 10m (32.81ft)
- 38541 - 15m (49.21ft)
- 38542 - 20m (65.62ft)
- 38543 - 25m (82.02ft)
- 38544 - 30m (98.42ft)
- 38545 - 40m (131.23ft)
- 38546 - 50m (164.04ft)
- 38547 - 60m (196.85ft)
- 38548 - 70m (229.66ft)
- 38549 - 80m (262.46ft)
- 38550 - 100m (328.08ft)

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