

E-MHDM-M Technical Literature

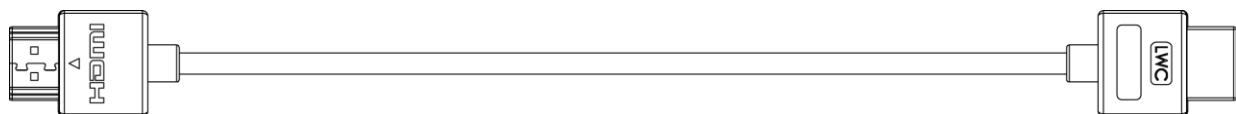
Micro HDMI Cables
Rev. 140110

The E-MHDM-M micro HDMI cables are designed for installations that require extreme cable flexibility or installations where space is at a premium. The cable is very small and flexible, and the hood is less than half the size of a normal molded HDMI connector. Typical installation environments include podium and table top interfaces, behind flat panel displays, or in equipment racks.

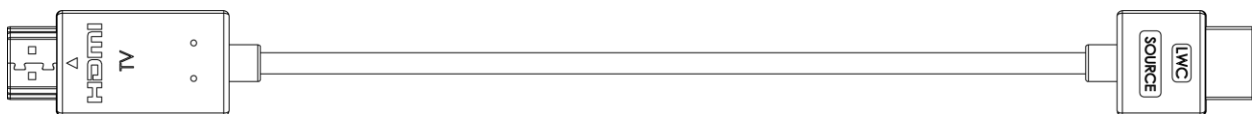
The E-MHDM-M micro HDMI cables are constructed of 36 AWG conductors surrounded by dual shields of tinned copper braid and aluminum foil to prevent external interference. Even though the thickness of the cable does not exceed 4 mm (0.16 inch), all wire connections are present, which will make this cable an ideal substitute for bulkier standard size HDMI cables.

The E-MHDM-M micro HDMI cables are available from 0.5 meter to 4 meter lengths. The 2 meter lengths and longer include active RedMere® chipsets for boost and equalization, which is housed on the sink (display) side of the cable. The active cables are directional due to the chipsets and the source and sink sides are labeled accordingly. Care must be taken to ensure these active cables are plugged into powered receptacles, a passive junction on a wall plate or table interface will not have the power requirement to drive the equalization chipset. All lengths support data rates of 10.2 Gbps. Resolutions up to 4Kx2K, 3D, 1080p, all audio formats, CEC, and Audio Return Channel are supported by all lengths and Ethernet is supported by 3.0 meter and shorter lengths.

The E-MHDM-M micro HDMI cables are not rated for in-wall applications. These are AWM rated for class 2 device interconnection and internal equipment hookup.



Passive High Speed Micro HDMI Cable



Active High Speed Micro HDMI Cable

Technical Specifications	
Passive High Speed Micro HDMI Cable	
Connectors	HDMI Type A
Source Connector Dimensions (including hood)	20 mm x 26 mm x 6 mm (0.79 in x 1.02 in x 0.24 in)
Sink Connector Dimensions (including hood)	20 mm x 26 mm x 6 mm (0.79 in x 1.02 in x 0.24 in)
Cable Lengths Available	0.5 m (1.64 ft), 1 m (3.28 ft), 1.5 m (4.92 ft)
Cable Construction	36 AWG conductors, PVC jacket
Cable Diameter	3.6 mm (0.142 in)
Available Part Numbers	E-MHDM-M-0.5, E-MHDM-M-01, E-MHDM-M-1.5
Active High Speed Micro HDMI Cable	
Connectors	HDMI Type A
Source Connector Dimensions (including hood)	20 mm x 26 mm x 6 mm (0.79 in x 1.02 in x 0.24 in)
Sink Connector Dimensions (including hood)	20 mm x 42 mm x 9 mm (0.79 in x 1.65 in x 0.35 in)
Cable Lengths Available	2 m (6.56 ft), 3 m (8.94 ft), 4 m (13.12 ft)
Cable Construction	36 AWG conductors, PVC jacket
Cable Diameter	3.6 mm (0.142 in)
Available Part Numbers	E-MHDM-M-02, E-MHDM-M-03, E-MHDM-M-04
Other	
Warranty	2 years

The description, specifications and/or pricing on this document are subject to change and are provided as a speculative reference to assist in gauging interest for a prospective product. This document is by no means a commitment to release the described product into production and should not be considered a final product specification.