

## E-HDM-M-\*\*\*F Technical Specifications

HDMI® Cable Assembly  
Rev. 170203

E-HDM-M-\*\*\*F Series are a revival of the older line of non-equalized cables. Manufactured with High Speed HDMI® with Ethernet heavy duty 24 AWG cables, these products are for applications where the newer generation equalized cables do not fit the need. HDMI cables cannot meet the full 10Gbps rates once lengths exceed 29 feet unless equalization is implemented in the cable. The E-HDM-M-\*\*\*F series supplies the cable without the equalization.

### Key Features:

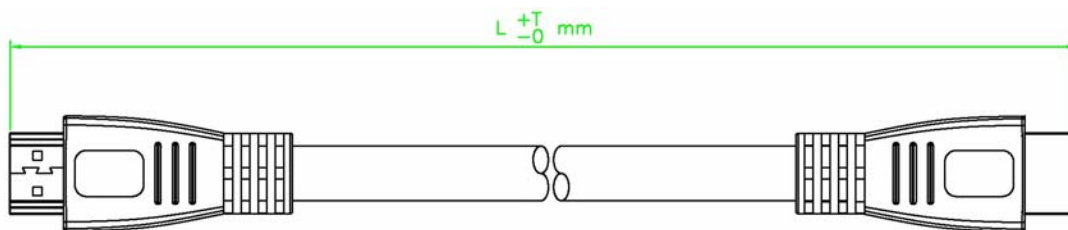
- Passive without chipsets
- Non-Directional
- UL/CSA listed for in-wall use
- Convenient cable lengths

The E-HDM-M-\*\*\*F series is robustly constructed with 24 AWG tinned annealed copper conductors on all conductors, not just the high speed TMDS data pairs. The overall cable is dual shielded with a full coverage foil shield and an 85% coverage braided shield. Liberty offer three lengths in 24 AWG, 35, 50, and 65 feet.

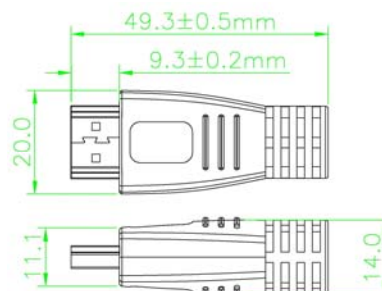
All Lengths are passive cables. There are no equalization chipsets and directional requirements on these lengths. These HDMI cables feature UL ratings on the bulk cable for CL2 and Canadian FT4, this is permissible for concealed installations per the requirements of the National Electric Code®. The product is compliant to the requirements of the EU RoHS-2 2011/65/EU standard.

### Key Applications:

- Residential Audio/Video
- Commercial Audio/Video
- Concealed (in-wall) installs
- Fixed installations



Passive Cable Head dimensions



Technical Specifications	
<b>I/O Connections</b>	
HDMI	Male HDMI Type A connector
<b>HDMI Supported Video, Audio and Ethernet</b>	
HDMI Maximum Video Compatibility	4K@30Hz 4:4:4 up to 29 feet, 1080p60 up to 65 feet
Video Compliance	HDMI, HDCP
Embedded Audio	Up to 32 Audio Channels and up to 1536 KHz Audio Sampling
Maximum Bandwidth	10.2 Gbps dependent on source power and sink sensitivity
Ethernet	100 Mbps
<b>Cable Construction</b>	
HDMI Molded Hood Construction	Inner/Over Mold PVC Black
HDMI Molded Hood Dimensions	20.0x49.3x14.0mm
Jacket Material	Flexible Flame rated PVC with a matte black finish
Cable Construction	24 AWG Tinned Copper TMDS pairs, triple shielding shroud to shroud
Overall Cable Size	0.354"   9.0mm
Minimum Bend Radius	3.54"   90mm
Maximum Tensile Load	44Lbs   20Kg
Available Cable Lengths	35, 50, and 65 feet
<b>Environmental Requirements</b>	
Operating Temperature	-20° to +80° C (+32° to +167° F)
Operating Humidity	20% to 85%, Non-condensing
Storage Temperature	-20° to +80° C (0° to +176° F)
<b>Power and Regulatory</b>	
Regulatory	NEC CL2, AWM 20276, CEC AWM I/II FT4, EU RoHS-2 2011/65/EU Compliant
HDMI®	High Speed HDMI® with Ethernet

Liberty Wire & Cable specifications are subject to change without notice. Contact an account representative for current product specifications. Liberty Wire & Cable continuously strives to ensure product specifications are accurate and complete. All physical specifications are nominal.

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High Definition Multimedia Interface® is a registered trademark of HDMI, LLC