

E-MDPM-HDM Technical Specifications

Mini-DisplayPort™ to HDMI® Cable Assembly

Rev. 170220

Liberty's E-MDPM-HDM series Mini-DisplayPort to HDMI cable assemblies are economically constructed for ease of adaption from one video standard to another. These cables are ideal for tabletop adaption from a mini-DP source to an HDMI sink.

The E-MDPM-HDM series is constructed with 32 AWG conductors and triple shielded. The cable is AWM UL20276 fire rated for non-concealed applications and has passed the VW-1 flame test. The jacket of the cable and the molded Heads are white in color.

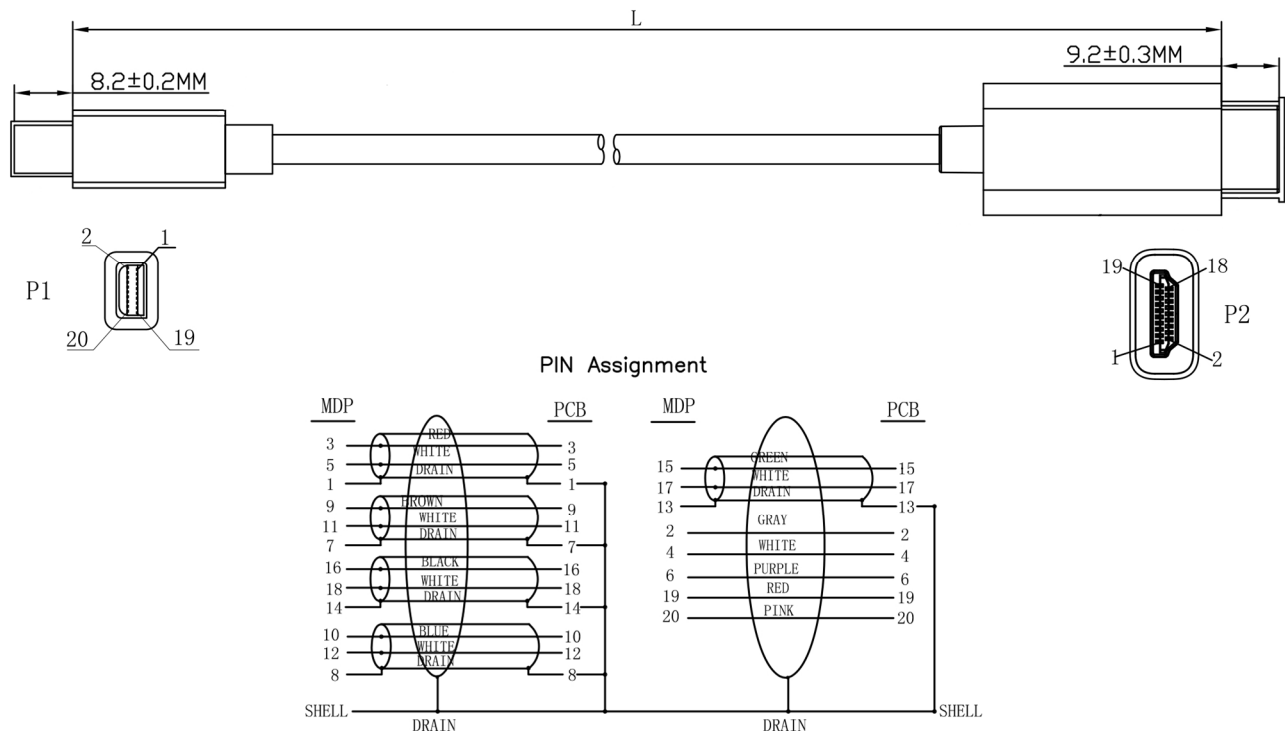
The optimal use pattern for this cable is direct connected from a Mini-DP source to an HDMI sink device (Display). Any application where this must be patched into a coupler or panel mounted adapter should be carefully tested prior to use. This cable supports DisplayPort 1.2 input and HDMI 1.4 output. The maximum resolution is 4K30 4:4:4 (10G).

Key Features:

- 10.2Gbps 4K30 Video
- DisplayPort 1.2 input
- HDMI 1.4 output
- Dual Mode compatible
- Convenient cable lengths

Key Applications:

- Commercial Audio/Video
- Huddle/Collaboration rooms
- Mobile device patching



Technical Specifications	
I/O Connections	
DisplayPort™	Mini-DisplayPort
HDMI	Male HDMI Type A connector
DisplayPort Supported Video, Audio	
DisplayPort Support	DisplayPort version 1.2 input
HDMI Supported Video, Audio	
HDMI Maximum Video Compatibility	10.2Gbps 4Kx2K @ 30Hz
Video Compliance	HDMI 1.4 output, HDCP 2.2
Embedded Audio	Up to PCM 8 channel
Maximum Bandwidth	10.2Gbps
Cable Construction	
HDMI Connector Features	HDMI "A" Male with up to 12 lbs high retention feature, gold plated
HDMI Molded Hood Construction	Copper Foil Shielded Pre-mold with PVC over mold. Over mold is white in color.
HDMI Molded Hood Dimensions	Source End: 20.0x26x10.0mm, Display End: 20.0x33x10.0mm
Jacket Material	Flame rated PVC
Cable Construction	32 AWG Tinned Copper TMDS pairs
Overall Cable Size	0.189" 4.8mm
Minimum Bend Radius	1.89" 48mm
Maximum Tensile Load	12Lbs 5.45Kg
Available Cable Lengths	6, 10, 15, and 25 feet (1.83M, 3.05M, 4.57M, 7.62M)
Environmental Requirements	
Operating Temperature	0° to +60° C (+32° to +140° F)
Operating Humidity	20% to 85%, Non-condensing
Storage Temperature	-20° to +80° C (0° to +176° F)
Power and Regulatory	
Regulatory	AWM UL20276 VW-1, EU RoHS-3 2015/863/EU Compliant

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.

Product Listing:

ITEM_NBR	DESCRIPTION
E-MDPM-HDM-6	MINI DP-HDMI CABLE 6' WHITE
E-MDPM-HDM-10	MINI DP-HDMI CABLE 10' WHITE
E-MDPM-HDM-15	MINI DP-HDMI CABLE 15' WHITE
E-MDPM-HDM-25	MINI DP-HDMI CABLE 25' WHITE

National Electric Code® is a registered trademark of the National Fire Protection Agency (NFPA)

NEC® is a registered trademark of the National Fire Protection Agency (NFPA)

HDMI® is a registered trademark of HDMI, LLC

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

DisplayPort™ and the DisplayPort™ logo are trademarks owned by the

Video Electronics Standards Association (VESA®) in the United States and other countries.