

Product: HDE Series High Speed HDMI

High Speed HDMI

Product Description

High Speed Ethernet Capable HDMI Cable Assembly, supports 1080p @ 60Hz, 4K UHD @ 30Hz (5 meter lengths or less), 3D, audio return channel & DTS-HD master audio, HDMI-CEC & dual viewing. Connector HDMI type A to type A with gold plating.

Technical Specifications

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Digital Signage, Computer Monitors, Projectors, Gaming Consoles, DVD Players

Physical Characteristics (Overall)

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]
Tape	Aluminum/Mylar	Beldfoil AL/Mylar	100 %
Braid	TC - Tinned Copper		80 %

Outer Jacket Material

Element	Material	Nominal Diameter
2ft - 10ft	PVC	.236 in
15ft - 20m	PVC	.287 in

Electrical Characteristics

Voltage

Voltage Rating [V]
30V

Performance Footnote2:	7m-20m* Connector 2 is HDMI Type A w/PCB, 7m-20m & 25ft-50ft are active and directional.

Temperature Range

Operating Temp Range:	0°C To +80°C

Mechanical Characteristics

Max Recommended Pulling Tension:	18 lbs

Termination Interface

Connection
HDMI Type A

Standards

UL Rating:	AWM 20276

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1

Part Number

Variants

Item #	Color	Length
HDE001MB	Black	1 m
HDE002MB	Black	2 m
HDE003MB	Black	3 m
HDE005MB	Black	5 m
HDE007MB	Black	7 m
HDE010MB	Black	10 m
HDE015MB	Black	15 m
HDE020MB	Black	20 m
HDE002FB	Black	2 ft
HDE003FB	Black	3 ft
HDE006FB	Black	6 ft
HDE008FB	Black	8 ft
HDE010FB	Black	10 ft
HDE015FB	Black	15 ft
HDE025FB	Black	25 ft
HDE035FB	Black	35 ft
HDE050FB	Black	50 ft

History

Update and Revision:	Revision Number: 0.19 Revision Date: 09-24-2019

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.