



Technical Data Sheet: High Speed Ethernet Capable HDMI® Cable Assembly

Rev. 0, 7/31/2015

Applications:

- High-Speed HDMI® Cable with Ethernet
- Supports high bandwidth features such as:
 - Ultra HD
 - 4k @ 50/60 (2160p)
 - Theatrical 21:9 aspect ratio
 - 3D
 - Dual viewing
 - BT.2020 Deep Color
 - Dolby® True HD
 - DTS-HD Master Audio
 - HDMI-CEC
 - Audio Return Channel

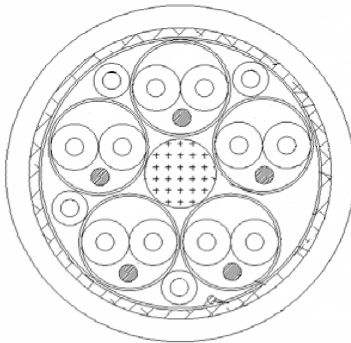
Electrical Characteristics:

Voltage Rating	30V
Nominal Impedance	100 +/- 10Ω
Conductor DC Resistance @ 20°C (30AWG):	110Ω/1000ft
Conductor DC Resistance @ 20°C (28AWG):	69 Ω/1000ft

Physical Characteristics:

Cable:

Conductor	30AWG (solid) (2ft-10ft) 28AWG (solid) (15ft-20m)
Insulation Shield	Foamed Polyolefin Beldfoil® AL/Mylar, 80% Braid
Jacket Material & Nom Dia	PVC; .236" (2ft-10ft) PVC; .287" (15ft-20m)
Temperature Rating	0°C to +80°C
Maximum Bend Radius	10x cable diameter
Maximum Pull Tension	18 lbs
Applicable Specifications	UL AWM 20276
Flame Resistance	VW-1



Connector: 2ft-5m:

	Connector 1	Connector 2
Type	HDMI Type A	HDMI Type A
Plating	Gold	Gold

Connector: 7m-20m*:

	Connector 1	Connector 2
Type	HDMI Type A	HDMI Type A w/PCB
Plating	Gold	Gold

*Assemblies are active and directional

Part Number Description

HDE001MB	1m High Speed Ethernet Capable HDMI Cable
HDE002MB	2m High Speed Ethernet Capable HDMI Cable
HDE003MB	3m High Speed Ethernet Capable HDMI Cable
HDE005MB	5m High Speed Ethernet Capable HDMI Cable
HDE007MB	7m High Speed Ethernet Capable HDMI Cable*
HDE010MB	10m High Speed Ethernet Capable HDMI Cable*
HDE015MB	15m High Speed Ethernet Capable HDMI Cable*
HDE020MB	20m High Speed Ethernet Capable HDMI Cable*

Part Number Description

HDE002FB	2ft High Speed Ethernet Capable HDMI Cable
HDE003FB	3ft High Speed Ethernet Capable HDMI Cable
HDE006FB	6ft High Speed Ethernet Capable HDMI Cable
HDE008FB	8ft High Speed Ethernet Capable HDMI Cable
HDE010FB	10ft High Speed Ethernet Capable HDMI Cable
HDE015FB	15ft High Speed Ethernet Capable HDMI Cable
HDE025FB	25ft High Speed Ethernet Capable HDMI Cable*
HDE035FB	35ft High Speed Ethernet Capable HDMI Cable*
HDE050FB	50ft High Speed Ethernet Capable HDMI Cable*

