



## **Velocity® High-Speed HDMI® Cable with Ethernet**

- High-Speed HDMI® Cable with Ethernet
- Supports high bandwidth features such as:
  - Ultra HD
  - 4K @50/60 (2160p)
  - 3D
  - Deep Color
  - x.v. Color™
  - Dolby® True HD
  - DTS-HD Master Audio
  - HDMI-CEC
- 24-karat gold plated connectors
- Lifetime warranty



# Specifications: Velocity® High-Speed HDMI® Cable with Ethernet

## Electrical Characteristics:

Nominal Impedance:	100 ± 10Ω
Nominal Capacitance:	90 ± 2pF/m
Nominal Velocity of Propagation:	1.78ns
DC Resistance:	239Ω/km
Dielectric Strength:	AC 500V - 1 minute
Insulation Resistance:	100Ω

## Physical Characteristics:

Voltage Rating:	30V	Approvals:	RoHS Compliant
Minimum Bend Radius:	70mm	Warranty:	Lifetime
Temperature Rating:	80°C	Package Type:	Polybag

### Conductor 1 (5 pair):

Conductor Type:	28AWG (7/0.127) Tinned Copper (OFC)
Insulation:	Foamed PE SKIN Red/White, Brown/ White, Blue/ White, Green/White, Black/ White O.D. - 1.0mm
Drain Wire:	28AWG (7/0.127) Tinned Copper
Shield:	Aluminum Foil + Mylar 100% Coverage

### Conductor 2 (4 conductors):

Conductor Type:	28AWG (7/0.127) Tinned Copper (OFC)
Insulation:	HDPE Yellow, Red, Green, Purple O.D. - 0.7 ± 0.05mm

### Overall Cable Construction:

Drain Wire:	28AWG (07/0.127) Tinned Copper (OFC)
Foil Shield:	Aluminum Foil +Mylar 100% Coverage
Braided Shield:	16/10/0.12 Tinned Copper (OFC) 85% Coverage
Jacket	PVC Black O.D. - 7.3 ± 0.2mm

### Connectors (2):

Connector Type:	HDMI® - Type A
Pin Construction:	Phosphor Copper
Plating:	3µm Gold
Insulation:	Black LCP
Hood:	45P™ PVC Black
Dimensions (HxWxL):	11.1 x 20.0 x 39mm

Part Number	Description	Weight (lbs)
40085	0.5m Velocity™ High-Speed HDMI® Cable with Ethernet	0.146
40086	1m Velocity™ High-Speed HDMI® Cable with Ethernet	0.226
40087	1.5m Velocity™ High-Speed HDMI® Cable with Ethernet	0.304
40089	2m Velocity™ High-Speed HDMI® Cable with Ethernet	0.360
40101	3m Velocity™ High-Speed HDMI® Cable with Ethernet	0.452
40102	5m Velocity™ High-Speed HDMI® Cable with Ethernet	0.585

