

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

### Electrical Characteristics:

Nominal Impedance:	100 ± 10Ω
Nominal Capacitance:	90pF/m
Nominal Velocity of Propagation:	75%
DC Resistance:	375Ω/km
Dielectric Strength:	AC 500V - 1 minute
Insulation Resistance:	100MΩ/km

### Physical Characteristics:

Voltage Rating:	30V	Approvals:	RoHS Compliant
Minimum Bend Radius:	70mm	Warranty:	Lifetime
Temperature Rating:	80°C	Package Type:	Polybag
Temperature Range:	-10° - 80°C		

#### Conductor 1 (5 pair):

Conductor Type:	30AWG (7/0.10) Tinned Copper
Insulation:	Foamed PE SKIN Red/White, Brown/ White, Blue/White, Green/White, Black/ White O.D. - 0.80mm
Drain Wire:	30AWG (7/0.010) Tinned Copper
Shield:	Aluminum Foil + Mylar 100% Coverage

#### Overall Cable Construction:

Drain Wire:	30AWG (7/0.10) Tinned Copper
Foil Shield:	Aluminum Foil +Mylar 100% Coverage
Braided Shield:	16/9/0.10 Tinned Copper 85% Coverage
Jacket	PVC Black O.D. - 6.0 ± 0.2mm

#### Conductor 2 (4 conductors):

Conductor Type:	30AWG (7/0.010) Tinned Copper
Insulation:	HDPE Yellow, Red, Green, Purple O.D. - 0.6mm

#### Connector:

Connector Type:	HDMI® - Type A
Pin Construction:	Copper
Plating:	15µm Gold
Insulation:	Black LCP
Hood:	45P™ PVC Black
Dimensions (HxWxL):	11.1 x 20.0 x 39.0mm

#### Connector:

Connector Type:	HDMI® - Type D
Pin Construction:	Copper
Plating:	15µm Gold
Insulation:	Black LCP
Hood:	45P™ PVC Black
Dimensions (HxWxL):	9.0 x ??? x 31.2mm

Part Number	Description	Weight (lbs)
40162	1m Velocity® High Speed with Ethernet HDMI® Micro Cable	0.24
40163	2m Velocity® High Speed with Ethernet HDMI® Micro Cable	0.33
40164	3m Velocity® High Speed with Ethernet HDMI® Micro Cable	0.42

