

Specifications: High Speed HDMI with Ethernet and Rotating Connectors

Electrical Characteristics:

Nominal Impedance:	100 ± 10Ω
Nominal Capacitance:	90pF/m
Nominal Velocity of Propagation:	5.6ns
DC Resistance:	376.96MΩ/km
Dielectric Strength:	AC 500V - 1 minute
Insulation Resistance:	100MΩ

Physical Characteristics:

Voltage Rating:	30V	Approvals:	RoHS Compliant
Minimum Bend Radius:	9.0mm	Warranty:	Lifetime
Temperature Rating:	80°C	Package Type:	Polybag
Temperature Range:	0° - 80°C		

Conductor 1 (5 pair):

Conductor Type:	30AWG (1/0.254) Tinned Copper
Insulation:	Foamed PE + SKIN Red/White, Brown/ White, Blue/White, Green/White, Black/ White O.D. - 0.65mm
Drain Wire:	30AWG (1/0.254) Tinned Aluminum
Shield:	Mylar Foil 100% Coverage

Overall Cable Construction:

Drain Wire:	30AWG (1/0.254) Tinned Aluminum
Foil Shield:	Aluminum Mylar 100% Coverage
Braided Shield:	16/8/0.10 Tinned Aluminum 85% Coverage
Jacket	PVC Black O.D. - 6.0mm

Conductor 2 (4 conductors):

Conductor Type:	30AWG (1/0.254) Tinned Copper
Insulation:	HDPE Yellow, Red, Green, Purple O.D. - 0.70mm

Connector:

Connector Type:	HDMI® - Type A Rotating
Pin Construction:	Copper
Plating:	15µm Gold
Insulation:	PBT + 30% Glass Fiber
Hood:	ABS Black
Dimensions (HxWxL):	9.7 x 21.1 x 57.8mm
Connector Depth at 90°:	30.4mm
Connector Height at 90°:	49.4mm

Part Number	Description	Weight (lbs)
40211	1m High Speed HDMI with Ethernet and Rotating Connectors	0.24
40111	2m High Speed HDMI with Ethernet and Rotating Connectors	0.33
40217	3m High Speed HDMI with Ethernet and Rotating Connectors	0.40

