



SonicWave® High-Speed HDMI® Cables

- High-Speed HDMI® Cable
- Supports high bandwidth features such as:
 - 1080p resolution
 - 3D
 - Deep Color
 - x.v. Color™
 - Dolby® True HD
 - DTS-HD Master Audio
 - HDMI-CEC
- HDMI High Speed ATC category 2 certified
- CL3-rated jacket for in-wall installation
- Lifetime warranty

Specifications: SonicWave® High-Speed HDMI® Cables

Electrical Characteristics:

Nominal Impedance:	100 ± 10Ω
Nominal Capacitance:	84 ± 2pF/m
Nominal Velocity of Propagation:	2.38 x 10 ⁵ km/s
DC Resistance:	195Ω/km
Dielectric Strength:	DC 500V - 1 minute

Physical Characteristics:

Voltage Rating:	30V
Minimum Bend Radius:	50mm
Temperature Rating:	80°C
Operating Temperature Range:	-20° - 80°C
Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Box

Conductor 1 (4 pair):

Conductor Type:	28AWG (7/0.127) Silver Plated Copper
Insulation:	Foamed PE Red/White O.D. - 1.0 ± 0.05mm
Drain Wire:	28AWG (7/0.127) Tinned Copper
Shield:	Aluminum Foil 100% Coverage

Conductor 2 (2 pair and 3 conductors):

Conductor Type:	28AWG (7/0.127) Tinned Copper
Insulation:	HDPE Yellow/Orange, Red/White/Black/ Grey/Purple O.D. - 0.7 ± 0.05mm
Pair Separator Material:	PET

Overall Cable Construction:

Foil Shield:	Aluminum Foil 100% Coverage
Braided Shield:	16/10/0.10 Tinned Copper 80% Coverage
Jacket	CL3-Rated PVC Gun Metal Grey O.D. - 7.3 ± 0.15mm

Connectors (2):

Connector Type:	HDMI® - Type A
Pin Construction:	Brass
Plating:	1.5µm Gold
Shell Construction:	SPCC
Plating:	0.5 - 1.0µm Gold
Insulation:	PBT
Hood:	Zinc Plated Alloy Gun Metal Grey
Dimensions (HxWxL):	11.4 x 21.0 x 42mm

Part Number	Description	Weight (lbs)
40165	0.5m SonicWave® High-Speed HDMI® Cable	0.860
40185	1m SonicWave® High-Speed HDMI® Cable	0.932
40186	2m SonicWave® High-Speed HDMI® Cable	1.074
40187	3m SonicWave® High-Speed HDMI® Cable	1.258