



## SonicWave<sup>®</sup> High-Speed HDMI<sup>®</sup> Cables

- High-Speed HDMI<sup>®</sup> Cable
- Supports high bandwidth features such as:
  - 1080p resolution
  - 3D
  - Deep Color
  - x.v. Color<sup>™</sup>
  - Dolby<sup>®</sup> 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 <sup>8</sup> km/s
DC Resistance:	80Ω/km
Dielectric Strength:	DC 500V - 1 minute

### Physical Characteristics:

Voltage Rating:	30V
Minimum Bend Radius:	60mm
Temperature Rating:	80°C
Operating Temperature Range:	-20° - 80°C

Approvals:	RoHS Compliant
Warranty:	Lifetime
Package Type:	Box

#### Conductor 1 (4 pair):

Conductor Type:	24AWG (1/0.525) Silver Plated Copper
Insulation:	Foamed PE Red/White O.D. - 1.37 ± 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:	24/10/0.12 Tinned Copper 80% Coverage
Jacket	CL3-Rated PVC Gun Metal Grey O.D. - 8.8 ± 0.15

#### Connectors (2):

Connector Type:	HDMI® - Type A
Pin Construction:	Brass
Plating:	15µm 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)
2101-40200-016	5m SonicWave® High-Speed HDMI® Cable	1.392