



## Velocity<sup>™</sup> High-Speed HDMI<sup>®</sup> Cables with Rotating Connectors

- Dual joint swivel design to meet virtually any HDMI connector angle
- Full 1080p resolution
- High bandwidth (340 MHz, 10.2 Gbps) for high speed data transfer
- HDMI-CEC system control compatibility
- Compatible with Deep Colour, x.v.Colour<sup>™</sup>, 3D, and multi-channel surround sound
- RoHS Compliant

# Specifications: Velocity™ High-Speed HDMI® Cables with Rotating Connectors

## Electrical Characteristics:

Impedance:	100 ± 10Ω	
Capacitance:	115pf/m	
Velocity of Propagation:	>65%	
DC Resistance:	376.96Ω/km at 20°C max.	
Insulation Resistance:	10MΩ/km	
Attenuation:	<b>Frequency</b>	<b>Attenuation (dB/2.5m)</b>
	0.3 - 825MHz	≤ 5
	0.825 - 2.475GHz	≤ 5 - 12
	2.475 - 4.125GHz	≤ 12 - 20
	4.125 - 5.1GHz	≤ 20 - 25

## Physical Characteristics:

Voltage Rating:	30V	Approvals:	RoHS Compliant
Temperature Rating:	80°C	Warranty:	Lifetime
Minimum Bend Radius:	55.00mm	Package Type:	Polybag

### Conductor (Qty. 4 pair):

Conductor Type:	30AWG (1/0.254) Oxygen Free Copper
Insulation:	Foam PE + SKIN red, white
Drain Wire:	30AWG (1/0.254) Tinned Aluminium
Foil Shield:	Mylar® Foil 100% Coverage Min.

### Overall Cable:

Foil Shield:	Aluminium Mylar® Foil 100% Coverage
Braided Shield:	16/8/0.10mm Tinned Aluminium 80% Coverage Min.
Jacket:	PVC Blue O.D. 6.00mm

### Conductor (Qty. 1 pair):

Conductor Type:	30AWG (1/0.254) Oxygen Free Copper
Insulation:	HD-PE yellow, orange

### Conductor (Qty. 5 conductors):

Conductor Type:	30AWG (1/0.254) Oxygen Free Copper
Insulation:	HD-PE red, gray, purple, white pink

### Connector:

Connector Type:	Rotating HDMI Type A Male
Contact Material:	Copper Alloy 15µm Gold Plating
Insulation:	Black PBT
Dimensions (HxWxD):	11.5 x 21.1 x 58.5mm 30.5mm depth at 90°

Part Number	Description	Weight (kg)
80335	1m Velocity™ High-Speed HDMI® Cable with Rotating (Swivel) Connectors	0.063
80336	2m Velocity™ High-Speed HDMI® Cable with Rotating (Swivel) Connectors	0.107
80337	3m Velocity™ High-Speed HDMI® Cable with Rotating (Swivel) Connectors	0.151

