



## Velocity<sup>™</sup> High-Speed HDMI<sup>®</sup> Mini to HDMI<sup>®</sup> Cables

- HDMI (Deep Colour, x.v Colour<sup>™</sup>)
- High bandwidth (340 MHz/10.2 Gbps) for high speed data transfer

# Specifications: Velocity™ High-Speed HDMI® Mini to HDMI® Cables

## Electrical Characteristics:

Impedance:	100 ± 10Ω	
DC Resistance:	≤5Ω/km	
Dielectric Strength:	500VAC/0.01 second	
Conductor Resistance:	376.96Ω/km at 20°C max.	
Insulation Resistance:	2MΩ min.	
Attenuation:	<b>Frequency</b>	<b>Attenuation</b>
	1 - 825MHz	-5dB max.
	825MHz - 2.475GHz	< -5 ~ -12dB max.
	2.475GHz - 4.125GHz	< -12 ~ 20dB max.
	4.125GHz - 5.1GHz	< -20 ~ -25dB max.

## Physical Characteristics:

Voltage Rating:	40V	Approvals:	RoHS Compliant
Temperature Rating:	85°C	Warranty:	Lifetime
Operating Temperature Range:	-20° - 85°C	Package Type:	Polybag
Minimum Bend Radius:	60.00mm		

### Conductor (Qty. 4 pair):

Conductor Type:	30AWG (7/0.10) Tinned Copper (OFC)
Insulation:	Foam PE + PP SKIN (white/blue), (white/brown) (white/red), (white/green)
Drain Wire:	30AWG (7/0.10) Tinned Copper (OFC)
Foil Shield:	Aluminium Mylar® Foil

### Overall Cable:

Foil Shield:	Aluminium Foil 100% Coverage
Braided Shield:	16/7/0.12mm Tinned Copper 85% Coverage Min.
Jacket:	PVC O.D. 5.5 ± 0.20mm

### Conductor (Qty. 1 pair):

Conductor Type:	30AWG (7/0.10) Tinned Copper (OFC)
Insulation:	HDPE

### Conductor (Qty. 5 conductors):

Conductor Type:	30AWG (7/0.10) Tinned Copper (OFC)
Insulation:	HDPE red, white, black, gray,

### Connector:

Connector Type:	HDMI Type A Male
Contact Material:	Copper Alloy 15µm Gold Plating
Insulation:	Thermal Plastic
Dimensions (HxWxD):	12.0 x 20.0 x 39.0mm

### Connector:

Connector Type:	HDMI Type C Male
Contact Material:	Copper Alloy 15µm Gold Plating
Insulation:	Thermal Plastic
Dimensions (HxWxD):	10.0 x 15.8 x 31.2mm

Part Number	Description
80343	1m Velocity™ High-Speed HDMI® Mini to HDMI® Cables
80344	2m Velocity™ High-Speed HDMI® Mini to HDMI® Cables

