



Velocity[™] HDMI[®] High-Speed Cables and HDMI[®] to DVI-D Cables

- HDMI[®] (Deep Colour, x.v.Colour[™], Dolby[®] True HD, and DTS-HD Master Audio)
- Full 1080p resolution
- High bandwidth (340 MHz/10.2 Gbps) for high speed data transfer
- HDMI-CEC system control compatibility
- RoHS Compliant

Specifications: Velocity™ HDMI® High-Speed Cables and HDMI® to DVI-D Cables

Electrical Characteristics:

Impedance:	100 ± 10Ω	
Capacitance:	86 ± 1pf/m	
DC Resistance:	≤5Ω/km	
Dielectric Strength:	500VAC/0.01 second	
Insulation Resistance:	DC500V ≥100MΩ	
Attenuation:	Frequency	Attenuation (dB)
	300kHz - 825MHz	≤ 5
	825MHz - 2.475GHz	≤ 12
	2.475GHz - 4.125GHz	≤ 20
	4.125GHz - 5.1GHz	≤ 25

Physical Characteristics:

Voltage Rating:	30V	Approvals:	RoHS Compliant
Temperature Rating:	80°C	Warranty:	Lifetime
Operating Temperature Range:	-25° - 80°C	Package Type:	Polybag
Minimum Bend Radius:	60.00mm		

Conductor (Qty. 4 pair):

Conductor Type:	24AWG (1/0.525) Silver Plated Copper
Insulation:	Foamed PE O.D. 1.37 ± 0.05mm red, white
Drain Wire:	28AWG (7/0.127) Tinned Copper
Foil Shield:	Aluminium Foil 100% Coverage Min.

Overall Cable:

Foil Shield:	Aluminium Foil 100% Coverage
Braided Shield:	24/10/0.12mm Tinned Copper 85% Coverage Min.
Jacket:	PVC (CL3-Rated) O.D. 8.80 ± 0.15mm gun-metal gray

Conductor (Qty. 1 pair):

Conductor Type:	28AWG (7/0.127) Tinned Copper
Insulation:	HDPE O.D. 0.7 ± 0.05mm yellow, orange

Conductor (Qty. 5 conductors):

Conductor Type:	28AWG (7/0.127) Tinned Copper
Insulation:	HDPE O.D. 0.7 ± 0.05mm red, white, black, gray, purple

Connector:

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

Connector:

Connector Type:	DVI-D Single Link Male
Contact Material:	Copper Alloy 15µm Gold Plating
Insulation:	Black PBT
Dimensions (HxWxD):	15.0 x 39.0 x 48.0mm

	HDMI Male to Male	HDMI to DVI-D Male to Male
1m	80331	80338
2m	80332	80339
3m	80333	80340
5m	80334	80341
2m 2-Pack	80399	---

