

HDMI Cable

- Ideal for High Definition Multimedia Interface Applications
- Ultra Flexible Cable for Confined Area and Continuous Motion
- Meets HDMI 1.3 Digital Audio/Video Specifications

Comprised of 4 individually dual shielded 100 ohm and one bundle of 5 twisted 28 AWG pairs with an overall shield, Cicoil's Flexx-Sil™ jacketed HDMI cables are designed for highly demanding high resolution video signal transmission applications. Cicoil's design is an excellent alternative to standard HDMI cables where resistance to mechanical stress, temperature extremes, vibration, tight bending and harsh environments is required.



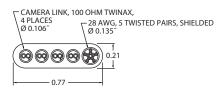
Cable

Amp Rating ¹	Conductor Gauge	No. of Pairs	Dimensions [inches]		Part
			Width	Height	Number
5	28 AWG	9	0.77	0.21	HDMI-2000

Note

 Amp rating is the maximum value for each conductor at room temperature of 70°F (21°C). Amp rating decreases as temperature increases.

Dimensions



Cable Assemblies



Cable Length (feet)	Part Number Addition
3	-CA003
6	-CA006
12	-CA012

Notes

- Append onto base cable Part Number for complete assembly. Example: HDMI-2000-CA003
- Connector ratings may differ from cable ratings; refer to manufacturer specifications.

connectors and length options. Assembly Dimensions

Please contact Cicoil for other



Connectors

• Signal (J1): HDMI

Cable Specifications

All engineering values are nominal and subject to change.

Mechanical

Conductors: Ultra flexible, finely stranded, tinned copper

Shielding: Ultra flexible, braided shields, with 90% nominal coverage

Minimum Bend Radius:

- 6x cable height for intermediate flex
- 10x cable height for continuous flex Flex Life: 10,000,000 cycles nominal

Outer Jacket Durometer Rating: 65 (Shore A)

Environmental

Temperature Rating: -65°C to +165°C

Moisture Rating: Submersible, Salt Water Resistant

Clean Room Rating: Class 1, Zero Particulates

Extreme Environments: Sunlight, UV Light, Alcohol, Chemical and Oil Resistant

Electrical

Outer Jacket Dielectric Strength: 450 volts/mil (17.7 kv/mm)

See Electrical Rating Chart on Page 47

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