

Features

Electrical

- Supports Up to 10.2 Gbps Signal Bandwidth
- 240 Hz Refresh Rate
- Multi-layered Shielding
- Gold Contact Plating

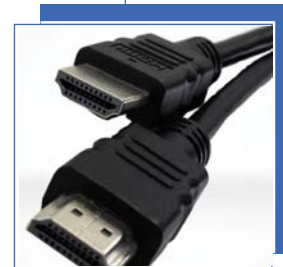
General

- Provides Digital Video and Multichannel Audio
- 3D Compatible
- Only Available in Black
- HDMI High Speed
- Category 2 HDMI; Ideal for 1080p Resolution and Higher
- 8 Bit Color
- 5', 6' and 10' Lengths Available
- Dimensions(W x H): 13.9 x 4.45 mm

Ordering Information

HDMI-x

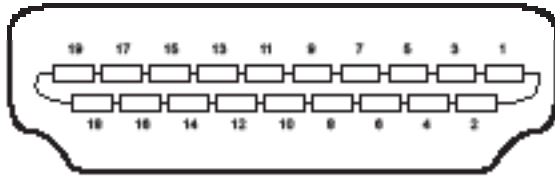
5, 6, or 10 (length in feet)



Electrical Performance

	Standard
Bandwidth	300 KHz ~ 5.1 GHz
Conductor Resistance (at -20 °C)	Below 380 Ohm/km
Impedance	Pairs (differential mode)
	Cable: 100 ± 10 Ohm Connector 100 ± 15 Ohm
Signal Attenuation	300 KHz ~ 825 MHz : below 5 dB
	0.825 ~ 2.475 GHz : below 5 to 12 dB
	2.475 ~ 4.125 GHz : below 12 to 20 dB 4.125 ~ 5.1 GHz : below 20 to 25 dB
Time Delay Skew	Intra-pair: ≤ 111 ps
	Inter-pair: ≤ 1.78 ns

Pin Details



- Pin 1 TMD5 Data2+
- Pin 2 TMD5 Data2 Shield
- Pin 3 TMD5 Data2-
- Pin 4 TMD5 Data1+
- Pin 5 TMD5 Data1 Shield
- Pin 6 TMD5 Data1-
- Pin 7 TMD5 Data0+
- Pin 8 TMD5 Data0 Shield
- Pin 9 TMD5 Data0-
- Pin 10 TMD5 Clock+
- Pin 11 TMD5 Clock Shield
- Pin 12 TMD5 Clock-
- Pin 13 CEC
- Pin 14 Reserved (HDMI 1.0-1.3c) HEC Data- (Optional, HDMI 1.4+ with Ethernet)
- Pin 15 SCL (I²C Serial Clock for DDC)
- Pin 16 SDA (I²C Serial Data Line for DDC)
- Pin 17 DDC/CEC/HEC Ground
- Pin 18 +5 V Power (max 50 mA)
- Pin 19 Hot Plug Detect (all versions) and HEC Data+ (Optional, HDMI 1.4+ with Ethernet)

Mechanical Performance

