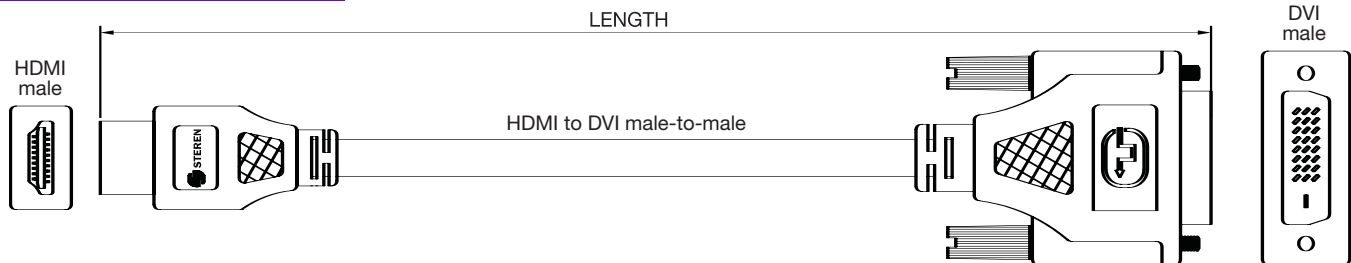




HDMI to DVI Cables

SPECIFICATIONS



Cable

Mechanical Construction

- Outer Jacket: PVC, Black, 7.0mm
- Outer Braid: Tinned Copper, 95%, 240 x 0.12mm
- Outer Shield: Aluminum/Polyester Film, 0.03mm, 50% Overlap min
- Wire Pairs (4):
 - Shield: Aluminum/Mylar Film, 0.03mm, 50% Overlap min
 - Drain Wire: Tinned Copper, AWG28, 7 x 0.12mm
 - Wire Jacket: Polyethylene, 1.03mm
 - Wire: Tinned Copper, AWG28, 7 x 0.12mm
- Loose Wires (7):
 - Jacket: Polyethylene 0.68mm
 - Wire: Tinned Copper, AWG28, 7 x 0.12mm

Electrical Properties

- Current: 0.5ADC
- Voltage: 300VDC
- Insulation Resistance: 50M Ω
- Conductive Resistance: 20 Ω
- Intra-Pair Skew: 151psec max
- Inter-Pair Skew: 2.42nsec
- FEXT: <-26dB
- Attenuation:
 - 300kHz~825MHz <8dB
 - 825MHz~2.475GHz <21dB
- Differential Impedance: 100 Ω \pm 10%

HDMI Connector

Mechanical Construction

- Connector Overmold: PVC, Black
- Connector Shell: Gold-Plated Copper
- Shield: Tinned Steel, 100% Coverage
- Dielectric: Polyethylene, Black
- Contacts: Gold-Plated Beryllium Copper

HDMI Connector (Cont.)

Electrical Properties

- Contact Resistance: 10m Ω max
- Dielectric Strength: 500VAC rms
- Insulation Resistance: 100M Ω min
- Contact Current: 0.5A min
- Applied Voltage: 40VAC rms continuous
- Electrostatic Discharge: 8kV
- TMDS Impedance: 100 Ω \pm 15%
- TMDS FEXT: 5% max
- Complies with HDMI specification v1.1

DVI-D Connector

Mechanical Construction

- Connector Overmold: PVC, Black
- Connector Shell: Gold-Plated Steel
- Shield: Tinned Steel, 100% Coverage
- Dielectric: Polyethylene, Black
- Contacts: Gold-Plated Beryllium Copper

Electrical Properties

- Contact Resistance: 20m Ω max
- Shell Resistance: 50m Ω
- Dielectric Strength: 500VAC rms
- Insulation Resistance: 100M Ω min
- Contact Current: 1.5A min
- Applied Voltage: 40VAC rms continuous
- Electrostatic Discharge: 8kV
- TMDS Impedance: 100 Ω \pm 15%
- TMDS FEXT: 5% max
- Complies with DVI specification v1.0

Related Products

- 516-007** HDMI to DVI (F/M) Adapter
- 516-008** HDMI to DVI (M/F) Adapter
- 516-806** 6' HDMI (M/M) Cable
- 516-810BK** 10' HDMI (M/M) Cable
- 516-815BK** 15' HDMI (M/M) Cable
- 516-830BK** 30' HDMI (M/M) Cable

Packaging

These cables are sold individually or in quantity.

Ordering Information:

- 516-906BK** 6' HDMI to DVI (M/M) Cable
- 516-910BK** 10' HDMI to DVI (M/M) Cable
- 516-915BK** 15' HDMI to DVI (M/M) Cable