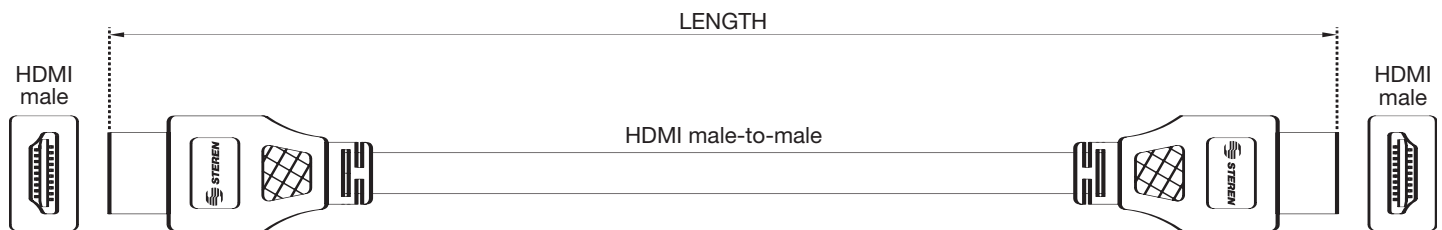


**NEW PRODUCT RELEASE**



## HDMI 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 $\Omega$

Conductive Resistance: 20 $\Omega$

Intra-Pair Skew: 151psec max

Inter-Pair Skew: 2.42nsec

FEXT: <-26dB

##### **Attenuation:**

300kHz~825MHz <8dB

825MHz~2.475GHz <21dB

2.475GHz~4.125GHz <30dB

Differential Impedance: 100 $\Omega$   $\pm$ 10%

Complies with HDMI specification v1.1

#### Connectors

##### **Mechanical Construction**

Connector Overmold: PVC, Black

Connector Shell: Gold-Plated Copper

Shield: Tinned Steel, 100% Coverage

Dielectric: Polyethylene, Black

Contacts: Gold-Plated Beryllium Copper

##### **Electrical Properties**

Contact Resistance: 10m $\Omega$  max

Dielectric Strength: 500VAC rms

Insulation Resistance: 100M $\Omega$  min

Contact Current: 0.5A min

Applied Voltage: 40VAC rms continuous

Electrostatic Discharge: 8kV

TMDS Impedance: 100 $\Omega$   $\pm$  15%

TMDS FEXT: 5% max

Complies with HDMI specification v1.1

#### Related Products

**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

**516-007** HDMI to DVI (F/M) Adapter

**516-008** HDMI to DVI (M/F) Adapter

#### Packaging

These cables are sold individually or in quantity.

#### Ordering Information:

**516-806BK** 6' HDMI (M/M) Cables

**516-810BK** 10' HDMI (M/M) Cables

**516-815BK** 15' HDMI (M/M) Cables

**516-830BK** 30' HDMI (M/M) Cables