

# HDMI High Definition Multimedia Interface

UL Style: 20276  
 UL Voltage Rating: 30V  
 UL Temp: 80°C  
 UL Flame Rating: VW-1

High-Definition Multimedia Interface.  
 Enables true high definition for audio & video content.  
 Ideal for Digital TV.  
 Lead Free materials: RoHS compliant.

**APPLICATIONS** High-Definition Multimedia Interface and Digital Video Interface Applications.

Eco-Index: RoHS Values				
<45ppm	<5ppm	<7ppm	<2ppm	<1000ppm
Pb	Cd	Cr+6	Hg	PBDE's PPB's



**PHYSICAL CONSTRUCTION DESCRIPTION** Each precision HDMI Cable is extruded using Hitachi Cable Manchester's unique Flometrics Liquid Film™ extrusion process. After extrusion, each conductor is braided with balanced, tensioned controlled braiders. Each component is then extruded with a PVC jacket. Multi-coax bundles are cabled together then extruded with an overall PVC jacket. Non jacketed, bundled cables are also available. Please contact the factory.



Series No.	(4) Shielded Pair				(1) Twisted Pair		Singles (Insul. Core)		Overall Shield	
	Cond.	Insulation	Drain	Shield	Cond.	Insulation	Cond.	Insulation	Tape	Braid
<b>40516</b>	30 AWG (7/38) TC	Flometrics	30 AWG (7/38) TC	AL/PET	30 AWG (7/38) TC	PVC	30 AWG (7/38) TC	PVC	AL/PET	90% TC

Part No.	Impedance (Ohms) Nom.	Cond. Res. Ohm/km @ 20°C	Insulation Resistance @ 20°C, 500V-DC	Attenuation (dB/m) Nom.			Time Delay ns/m	Within Pair Skew ps/m
				100 MHz	200 MHz	400 MHz		
<b>40516-14-000-S-01000</b>	100 ±10	357	min 10M, Ohm/km	0.40	0.60	0.90	4.3	10
<b>40516-15-000-S-01000</b>	100 ±10	357	min 10M, Ohm/km	0.40	0.60	0.90	4.2	10

Shielded pairs are color coded with WHT/BLU, WHT/GRN, WHT/RED and WHT/BRN. Single pair is color coded RED/YEL. Singles are color coded ORG, Lt GRY, BLK, BLU and (GRN).