

Product Specification



Clear HDMI Series 2: 0.5m - 3m

Spec No: S-001

Date: 06/01/2017

Approved By: Brian Rizzo



Packaging

Retail Packaging

Colors



Description

Description

Rated Voltage (V)	300
Rated Temperature (°C)	75
Product Standard Certification	UL CM & C(UL) CMG
Flame test	CMG FT4

Application

For Digital video transmission

Reference Standard

UL 444 and HDMI.org

Performance

Ultra Compact Head Design

Shorter and skinnier. At only 10mm thin this is the perfect design for flat screen TV's.

4K to 100 feet

Superior design added to the active chipset means full bandwidth at long distance.

HDMI Performance

Length	Bandwidth	4K Limit	Length	Bandwidth	4K Limit
0.5m	18 Gbps	60Hz	7.5m	18 Gbps	60Hz
1m	18 Gbps	60Hz	10m	10.2 Gbps	30Hz
2m	18 Gbps	60Hz	15m	10.2 Gbps	30Hz
3m	18 Gbps	60Hz	23m	10.2 Gbps	30Hz
5m	18 Gbps	60Hz	30m	10.2 Gbps	30Hz

Construction

Component A:

Conductor	5 Pairs
AWG	Stranded Tinned Copper
Construction (±0.008mm)	32
	7/0.08

Insulation	FM-PE + SKIN
Nom. Thickness (mm)	0.12
Insulation Dia. (±0.05mm)	0.58

Shield	Aluminum Mylar Alloy
Drain Wire (±0.008mm)	7/0 .127 Tinned Copper
Coverage (%)	≥125%
Pair Wrapping	Polyester Tape
Coverage (%)	≥125%

Component B:

Conductor	4 Conductors
AWG	Stranded Tinned Copper
Construction (±0.008mm)	32
	7/0.08

Insulation	HD-PE
Nom. Thickness (mm)	0.12
Insulation Dia. (±0.05mm)	0.55

Overall Cable Bundle:

Overall Shield	Aluminum Mylar Alloy
Coverage (%)	≥125%
Drain Wire (± 0.008mm)	7/0 .10 Tinned Copper
Overall Braiding (± 0.008m)	16*6/0.12
Coverage (%)	≥85%
Outer Diameter (± 0.15mm)	5.50
	5.5mm

Compliance

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Jacket Marking (Black)

HIGH SPEED HDMI CABLE WITH ETHERNET - FULL 4K UHD RESOLUTION - E301442 (UL) CL2 75C 32AWG -- ICE CABLE SYSTEMS CLEAR SERIES 2 HDMI CABLE