

# 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	18 Gbps	60Hz
2m	18 Gbps	60Hz	15m	18 Gbps	60Hz
3m	18 Gbps	60Hz	20m	18 Gbps	60Hz
5m	18 Gbps	60Hz			

## Construction

### Component A:

Conductor	5 Pairs
AWG	32
Construction (±0.008mm)	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	32
Construction (±0.008mm)	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

# Product Specification



Clear HDMI Series 2: 5m / 10m / 15m

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	18 Gbps	60Hz
2m	18 Gbps	60Hz	15m	18 Gbps	60Hz
3m	18 Gbps	60Hz	20m	18 Gbps	60Hz
5m	18 Gbps	60Hz			

## Construction

### Component A:

Conductor	5 Pairs
AWG	Stranded Tinned Copper
Construction (±0.008mm)	28
	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)	28
	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%
	5.50
Outer Diameter (± 0.15mm)	7.3 mm

## Compliance

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## Jacket Marking (Black)

HIGH SPEED HDMI CABLE WITH ETHERNET - FULL 4K UHD RESOLUTION - E301442 (UL) CL2 75C 28AWG -- ICE CABLE SYSTEMS CLEAR SERIES 2 HDMI CABLE

# Product Specification



Clear HDMI Series 2: 7.5m / 20m

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	18 Gbps	60Hz
2m	18 Gbps	60Hz	15m	18 Gbps	60Hz
3m	18 Gbps	60Hz	20m	18 Gbps	60Hz
5m	18 Gbps	60Hz			

## Construction

### Component A:

Conductor	5 Pairs
AWG	Stranded Tinned Copper
Construction (±0.008mm)	26
	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)	26
	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%
	5.50
Outer Diameter (± 0.15mm)	8.5mm

## Compliance

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## Jacket Marking (Black)

HIGH SPEED HDMI CABLE WITH ETHERNET - FULL 4K UHD RESOLUTION - E301442 (UL) CL2 75C 26AWG ACTIVE -- ICE CABLE SYSTEMS CLEAR SERIES 2 HDMI CABLE