



For more Information
please call

1-800-Belden1



General Description:

4 Meter HDMI Assembly. HDMI Composite Cable - 4 pairs (26 AWG stranded (7x34) bare copper conductors, foam polyolefin insulation, individual Beldfoil® shield (100% coverage) with drain wire; 7 conductors (26 AWG stranded (7x34) tinned copper conductors, polyolefin insulation); overall Beldfoil® shield (100% coverage) plus tinned copper braid shield (75% coverage) with drain wire, FR-PVC jacket.

Usage (Overall)

Suitable Applications: HDMI Interfaces

Twisted Pair

Physical Characteristics

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (mm)
4	26	7x34	BC - Bare Copper	0.483

Insulation

Insulation Material:

Insulation Material
Foamed Polyolefin

Individual Shield

Individual Shield Material: Aluminum Foil-Polyester Tape

Individual Shield Drain Wire:

AWG	Stranding	Conductor Material
26	7x34	TC - Tinned Copper

Electrical Characteristics

Nom. Characteristic Impedance:

Description	Impedance (Ohm)	Tolerance
Shield Pairs	100	± 10

Nominal Delay:

Description
Between Pairs
Between Conductors of Pairs

Nominal Delay Skew:

Description	Delay Skew (ps/m)
Between Pairs	6.87
Between Conductors of Pair	3.14

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 63.323 Ohm/km

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
16.077

Nominal FEXT:

Description	FEXT
1 MHz - 5.1 GHz	-26.7 dB

Nom. Attenuation:

Description	Freq. (MHz)	Attenuation (MHz)
@ 25°C of Clock and Data pairs	825.000	-0.5 dB
@ 25°C of Clock and Data pairs (Freq. in GHz)	2.475	-1.9 dB
@ 25°C of Clock and Data pairs (Freq. in GHz)	4.125	-2.3 dB
@ 25°C of Clock and Data pairs (Freq. in GHz)	5.100	-3.0 dB

Multi Conductor

Physical Characteristics

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (mm)
7	26	7x34	TC - Tinned Copper	0.483

Insulation

Insulation Material:

Insulation Material
PO - Polyolefin

Individual Shield

Electrical Characteristics

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
122.381

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Description	Current
per Conductor @25°C (24 AWG)	1.6 Amps

Physical Characteristics (Overall)

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000
2		Braid	TC - Tinned Copper	75.000

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
26	7x34	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
F-R PVC - Flame Retardant Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 8.204 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

Max. Recommended Pulling Tension: 440.372 N

Min. Bend Radius/Minor Axis: 82.550 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL2, CM

CEC/C(UL) Specification: CM

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/21/2008

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: UL1581 Vertical Tray

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Other Electrical Characteristic 1: 720P/1080i Verified (Category 1), 1080P Verified (Category 2)

Related Documents:

[HDMI.pdf](#) - HDMI document

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
--------	-------	-------------	-------	-------	-----------

Revision Number: 0 Revision Date: 05-06-2013

© 2015 Belden, Inc.
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.