Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1280P Coax - Mini Hi-Res Component Video Cable



For more Information please call

1-800-Belden1



Description:

25 AWG solid .018" tinned copper conductors, FPFA insulation, Duobond® foil plus a tinned copper interlocked serve shield (100% coverage), PVDF inner jackets, PVC jacket.

Usage (Overall)

Suitable Applications:

RGB Projectors, LCD Projectors, Video Distribution, Component Video, Graphic Displays, Special Effects Editing, Animation, Video Post Production, Home Theater, Offices, Boardrooms, Auditoriums, Teleconferencing, Theaters

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	_	Conductor Material	` '
6	25	Solid	TC - Tinned Copper	.018

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPFA - Foam Perflouoroalkoxy	.074

Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Туре	Inner Shield Material	Coverage (%)
1	Duobond®	Tape	Aluminum Foil-Poly Tape-AluminumLightly bonded to dielectric	100
2		Interlocked Serve	TC - Tinned Copper	95

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVDF - Fluorocopolymer	.111

Inner Jacket Color Code Chart:

Number	Color
1	Red
2	Green
3	Blue
4	Yellow
5	Black
6	White

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Cabling Fillers:	Cross Spline Filler
Overall Nominal Diameter:	0.369 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

Page 1 of 3 01-06-2012

Detailed Specifications & Technical Data





1280P Coax - Mini Hi-Res Component Video Cable

UL Temperature Rating:	60°C
OL Temperature Nating.	00 C
Non-UL Temperature Rating:	75°C
Bulk Cable Weight:	72 lbs/1000 ft.
Max. Recommended Pulling Tension:	100 lbs.
Min. Bend Radius (Each Coax):	1.100 in.
Min. Bend Radius (Overall):	4.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
EU CE Mark:	No
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Flame Test	
UL Flame Test:	NFPA 262
Suitability	
Suitability - Indoor:	Yes
Plenum/Non-Plenum	

Sui

Plenum/Non-Plenum

Plenum (Y/N): Yes

Non-Plenum Number: 1280R

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Im	pedance	(Ohm)
75		

Nom. Inductance:



Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
16.8

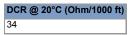
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1280P Coax - Mini Hi-Res Component Video Cable

5.4

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.50
5	1.2
50	3.8
100	5.2
200	7.1
400	10.0
750	14.3
1000	16.9
2250	25.5
3000	33.9

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Operating Voltage - Non-UL:

Voltage 300 V RMS

Minimum Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		5	850	20

Sweep Test

Sweep Testing: 5 - 850 MHz

Misc. Information (Overall)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1280P 0081000	1,000 FT	79.000 LB	GRAY	С	6 #25 FPFA SH SLF PVC
1280P 008500	500 FT	39.000 LB	GRAY	С	6 #25 FPFA SH SLF PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 5 Revision Date: 07-21-2010

© 2012 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.

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 logislation and regulators besed on their individual users of the product. determining the applicability of legislation and regulations based on their individual usage of the product