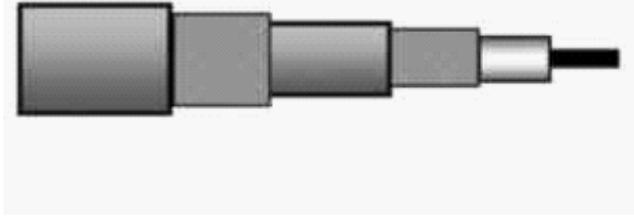


Part Number: 7784AF.00305

VIDEO TRIAX 11 STRANDED PVC



Product Description

VIDEO TRIAX 11 STRANDED PVC

Product Specifications

Application

Suitable Applications:	Triaxial camera cable used to interconnect video cameras to related equipment
------------------------	---

Technical Specifications

Applicable Patents

Patent:	http://www.belden.com/p
---------	---

Bend Radius

Min Bend Radius (W/o Pulling Strength):	115 mm
---	--------

History

Revision Date (yyyy-mm-dd):	2016-11-02
-----------------------------	------------

Revision Number:	4
------------------	---

Use

Max Recommended Pulling Tension:	270 N
----------------------------------	-------

Impedance:

Nominal Characteristic Impedance

75 Ohm

Conductor DCR:

Max. Conductor DCR	Nominal Inner Shield DCR	Nominal Outer Shield DCR
14 Ohm/km	9 Ohm/km	7 Ohm/km

High Freq:

Frequency [MHz]	Min. SRL (Structural Return Loss)
5 - 850 MHz	21 dB

Screening:

Frequency [MHz]	Min. Screening Attenuation
30 - 850 MHz	75 dB

PB HD-SDI Coax Table:

Description	Part No.	UL NEC/C(UL) CEC Type	Standard Lengths	Standard Unit Weight	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD	Shielding Materials Nom. DCR	Nominal OD	Nom. Imp ()	Nom. Vel. of Prop.	Nominal Capacitance	Nominal Attenuation
Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	pF/Ft.	pF/m	MHz	dB/100 Ft.	dB/100m
VIDEO TRIAX 11 STRANDED PVC												
VIDEO TRIAX 11 STRANDED PVC												
SDI/HDTV	NEC:	Hard Code	Hard Code	6.5 mm	Hard code	Silver plated copper	8.5 mm	Hard Code	Hard Code	1 MHz	0.5 dB/100m	Hard Code
Digital Video				Stranded		Braid		5 MHz		1.1 dB/100m		
CEC			1.42 in					10 MHz		1.7 dB/100m		
				Silver plated copper				100 MHz		5.6 dB/100m		
								360 MHz		11.5 dB/100m		
				Hard Code				7 Ohm/km		17.1 dB/100m		

Capacitance:

Nom. Capacitance Conductor to Shield
54 pF/m

High Frequency (Nominal/Typical):

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.5 dB/100m
5 MHz	1.1 dB/100m

10 MHz	1.7 dB/100m
100 MHz	5.6 dB/100m
360 MHz	11.5 dB/100m
750 MHz	17.1 dB/100m

Innerjacket:

Material
Polyethylene

Insulation:

Type	Material	Nominal Diameter	Diameter +/- Tolerance	
Dielectric	Foamed Polyethylene		6.5 mm	0.2 mm

Outerjacket 1:

Material	Nominal Diameter	Diameter +/- Tolerance	
Polyethylene		8.5 mm	0.2 mm

Conductor:

Stranding	Material	Construction n x D	Nominal Diameter	
Stranded	Silver plated copper		19x0.28 mm	1.42 in

Outerjacket 2:

Material	Nominal Diameter	Diameter +/- Tolerance	
PVC		11.3 mm	0.2 mm

Outershield 2:

Type	Material	Nominal Diameter	Min. Coverage	
Braid	Bare copper		9.1 mm	80 %

Outershield 1:

Type	Material	Nominal Diameter	Min. Coverage [%]	
Braid	Silver plated copper		7.1 mm	80 %

Product Variants

Part Number	Color	Put-Up Type	Length
7784AF.00305			
7784AF.02500	RED	Reel	500 m
7784AF.03500	BLACK	Reel	500 m
7784AF.00305	RED	Reel	1000 m
7784AF.00305	RED	Reel	305 m
7784AF.00305	RED	Reel	500 m
7784AF.00305	RED	Reel	475 m
7784AF.00305	BLACK	Reel	500 m
7784AF.00305	BLACK	Reel	475 m
7784AF.K0305	RED	Reel	305 m
7784AF.K0600	RED	Reel	600 m
7784AF.00305			

© 2017 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.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.