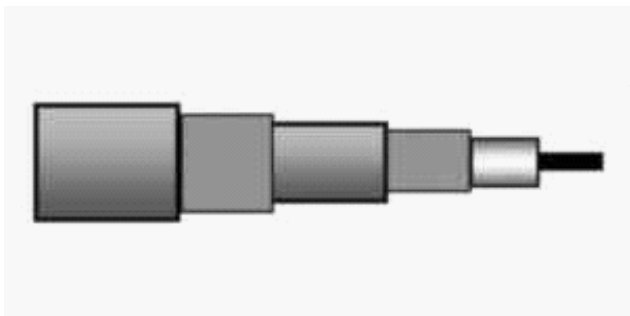


Part Number: 7785A.001000
VIDEO TRIAX 14 STRANDED PVC



Product Description

VIDEO CAMERA TRIAX 14 STRANDED SILVERED PVC

Product Specifications

Application

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

Applicable Patents

Patent:	http://www.belden.com/p
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Bend Radius

Min Bend Radius (W/o Pulling Strength):	150 mm
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History

Revision Date (yyyy-mm-dd):	2011-08-16
Revision Number:	3

Use

Max Recommended Pulling Tension:	550 N
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Impedance:

Nominal Characteristic Impedance

75 Ohm

Conductor DCR:

Max. Conductor DCR	Nominal Inner Shield DCR	Nominal Outer Shield DCR
5.7 Ohm/km	6.4 Ohm/km	4.1 Ohm/km

Delay:

Nominal Velocity of Propagation (VP) [%]
81 %

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 CAMERA TRIAX 14 STRANDED SILVERED PVC															
VIDEO CAMERA TRIAX 14 STRANDED SILVERED PVC															
SDI/HDTV	NEC:	Hard Code	Hard Code	9.7 mm	Hard code	Silver plated copper	11.9 mm	Hard Code	81 %	Hard Code	1 MHz	0.4 dB/100m	Hard Code		
Digital Video					Stranded		Braid		10 MHz			1.3 dB/100m			
	CEC			2.2 in			20 MHz			1.7 dB/100m					
	Silver plated copper							40 MHz			2.5 dB/100m				
					50 MHz				2.8 dB/100m						
	Hard Code					4.1 Ohm/km					3.1 dB/100m				

Capacitance:

Nom. Capacitance Conductor to Shield
55 pF/m

High Frequency (Nominal/Typical):

Frequency [MHz]	Norm. Insertion Loss
1 MHz	0.4 dB/100m
10 MHz	1.3 dB/100m
20 MHz	1.7 dB/100m
40 MHz	2.5 dB/100m
50 MHz	2.8 dB/100m
60 MHz	3.1 dB/100m
100 MHz	4.2 dB/100m
270 MHz	7 dB/100m
300 MHz	7.6 dB/100m
540 MHz	10.1 dB/100m
1000 MHz	14.3 dB/100m

Insulation:

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Dielectric	Foamed Polyethylene	9.7 mm	0.2 mm

Outerjacket 1:

Material	Nominal Diameter	Diameter +/- Tolerance
Polyethylene	11.9 mm	0.2 mm

Conductor:

Stranding	Material	Construction n x D	Nominal Diameter
Stranded	Silver plated copper	7x0.75 mm	2.2 in

Outerjacket 2:

Material	Nominal Diameter	Diameter +/- Tolerance
PVC	14.5 mm	0.2 mm

Outershield 2:

Type	Material	Nominal Diameter	Min. Coverage
Braid	Bare copper	12.6 mm	80 %

Outershield 1:

Type	Material	Nominal Diameter	Min. Coverage [%]
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Braid	Silver plated copper	10.4 mm	80 %
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Product Variants

Part Number	Color	Put-Up Type	Length
7785A.001000	RED	Reel	1000 m
7785A.00305	RED	Reel	305 m
7785A.00500	RED	Reel	500 m
7785A.00600	RED	Reel	600 m
7785A.00750	RED	Reel	750 m
7785A.009999	RED	Reel	499 m
7785A.001000			

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