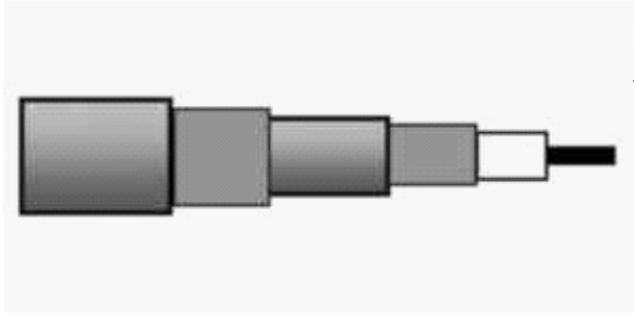


Part Number: 7784AS.001000

VIDEO TRIAX 11 PVC



Product Description

VIDEO TRIAX 11 PVC

Product Specifications

Application

Suitable Applications:	Simultaneous transmission of energy and multiplex image signals; Digital or Analog Video Camera to CCU Interconnect; Permanent installation; The cable is UV-resistant and suitable for indoor and outdoor use
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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):	110 mm
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EMEA Standard

CENELEC Compliance:	EN 50117-1
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History

Revision Date (yyyy-mm-dd):	2016-11-02
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Revision Number:	4
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North American Standard

Other Specification:	HD-SDI, dual link HD-SDI and 3G-SDI
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Use

Max Recommended Pulling Tension:	300 N
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Impedance:

Nominal Characteristic Impedance	
75 Ohm	

Inductance:

Nominal Inductance	
0.4 μ H/m	

Conductor DCR:

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

Delay:

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
410 ns/ft	81 %

High Freq:

Frequency [MHz]	Min. SRL (Structural Return Loss)
5 - 850 MHz	23 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 PVC														
VIDEO TRIAX 11 PVC														
SDI/HDTV	NEC:	Hard Code	Hard Code	15	6.5 mm	Hard code	Silver plated copper	8.5 mm	Hard Code	81 %	Hard Code	5 MHz	1.2 dB/100m	Hard Code
Digital Video					Solid	Braid		50 MHz			3.6 dB/100m			

CEC	1.4 in	71.5 MHz	4.3 dB/100m
Silver plated copper		88.5 MHz	4.8 dB/100m
	100 MHz		5.2 dB/100m
Hard Code	7 Ohm/km		7.1 dB/100m

Capacitance:

Nom. Capacitance Conductor to Shield

55 pF/m

High Frequency (Nominal/Typical):

Frequency [MHz]	Nom. Insertion Loss
5 MHz	1.2 dB/100m
50 MHz	3.6 dB/100m
71.5 MHz	4.3 dB/100m
88.5 MHz	4.8 dB/100m
100 MHz	5.2 dB/100m
180 MHz	7.1 dB/100m
270 MHz	8.8 dB/100m
750 MHz	15.2 dB/100m
1000 MHz	18 dB/100m
1500 MHz	22 dB/100m
2000 MHz	26 dB/100m
2500 MHz	32 dB/100m
3000 MHz	34 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:

AWG	Stranding	Material	Nominal Diameter
15	Solid	Silver plated copper	1.4 in

Outerjacket 2:

Material	Nominal Diameter	Diameter +/- Tolerance
PVC	11.2 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
7784AS.009999	RED	Reel	950 m
7784AS.011000	RED	Reel	1000 m
7784AS.011525	RED	Reel	1525 m
7784AS.01500	RED	Reel	500 m
7784AS.019999	RED	Reel	950 m
7784AS.001000	RED	Reel	1000 m
7784AS.001000	RED	Reel	1525 m
7784AS.001000	RED	Reel	500 m
7784AS.001000	RED	Reel	950 m
7784AS.001000			

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