Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



7950A Composite - Composite Data, Audio, Video, Security and Control Cable



For more Information please call

1-800-Belden1



General Description:

Siamese Composite - (1)Cat 5 4-pair, 24 AWG unshielded plus (4)16 AWG stranded (65x34) bare copper conductors, polyolefin insulation on the pairs; PVC insulation on the conductors, overall F-R PVC jacket. Jacket sequentially marked.

Twisted Pair

Physical Characteristics

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
4	24	Solid	BC - Bare Copper	0.020

Insulation

Insulation Material:



Twisted Pair Color Code Chart:

Number	Color
1 White/Blue Stripe and Blue	
2	White/Orange Stripe and Orange
3	White/Green Stripe and Green
4	White/Brown Stripe and Brown

Outer Jacket

Outer Jacket Material:



Outer Jacket Diameter:



Outer Jacket Ripcord:

Yes

Outer Jacket Color Code Chart:



Electrical Characteristics

Premise Cable Electricals:

Max. Attenuation (dB/100 m)	Min. NEXT (dB)	Min. PSNEXT (dB)	Min. SRL (dB)	Fitted Imp. (Ohms)
2.000	62	N/A	23	100 ± 15%
4.100	53	N/A	23	100 ± 15%
5.800	48	N/A	23	100 ± 15%
6.500	47	N/A	23	100 ± 15%
8.200	44	N/A	23	100 ± 15%
9.300	42	N/A	23	100 ± 15%
10.400	41	N/A	22	100 ± 15%
11.700	39	N/A	21	100 ± 15%
17.000	35	N/A	18	100 ± 15%
22.000	32	N/A	16	100 ± 15%
	2.000 4.100 5.800 6.500 8.200 9.300 10.400 11.700	2.000 62 4.100 53 5.800 48 6.500 47 8.200 44 9.300 42 10.400 41 11.700 39 17.000 35	2.000 62 N/A 4.100 53 N/A 5.800 48 N/A 6.500 47 N/A 8.200 44 N/A 9.300 42 N/A 10.400 41 N/A 11.700 39 N/A 17.000 35 N/A	4.100 53 N/A 23 5.800 48 N/A 23 6.500 47 N/A 23 8.200 44 N/A 23 9.300 42 N/A 23 10.400 41 N/A 22 11.700 39 N/A 21 17.000 35 N/A 18

Multi Conductor

Physical Characteristics

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
4	16	65x34	BC - Bare Copper	0.059

Insulation

Insulation Material:

Page 1 of 3 08-26-2016

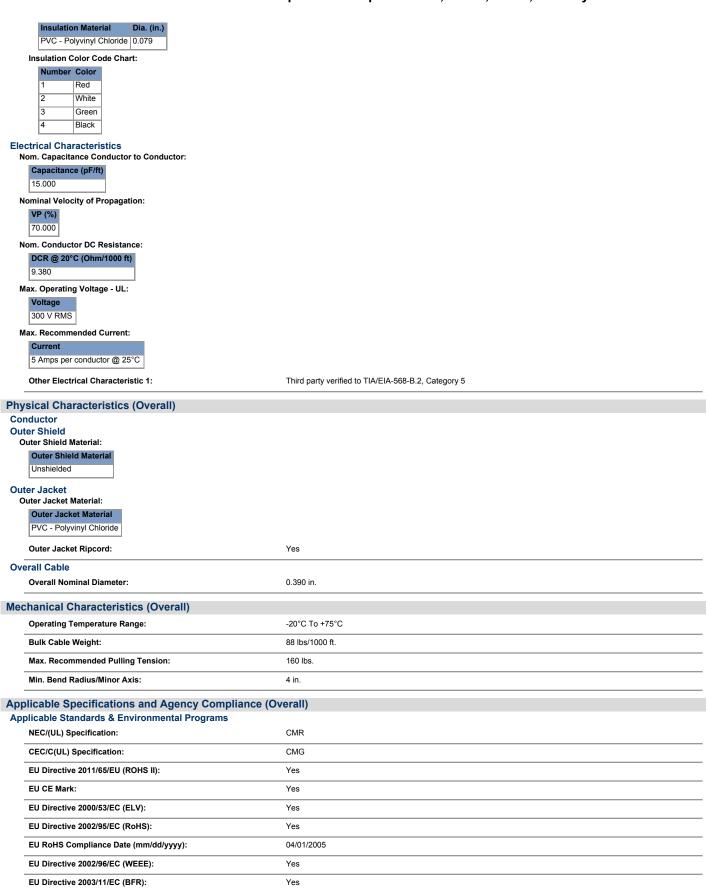
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ENGLISH MEASUREMENT VERSION

CA Prop 65 (CJ for Wire & Cable):



7950A Composite - Composite Data, Audio, Video, Security and Control Cable



Yes

Page 2 of 3 08-26-2016

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



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	MII Order #39 (China RoHS):	Yes
	Other Specification:	NEMA WC-63.1, Category 5
Fla	lame Test	
	UL Flame Test:	UL1666 Vertical Shaft
	CSA Flame Test:	FT4
Ple	Plenum/Non-Plenum	
	Plenum (Y/N):	No

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage 300 V RMS

Notes (Overall)

Notes: Overall jacket sequentially marked.

Put Ups and Colors:

Item# Putup Ship Weight	Color Notes Item Desc
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Revision Number: 0 Revision Date: 08-05-2013

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product. ´
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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