Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



734C8 Coax - 734C Series

For more Information please call

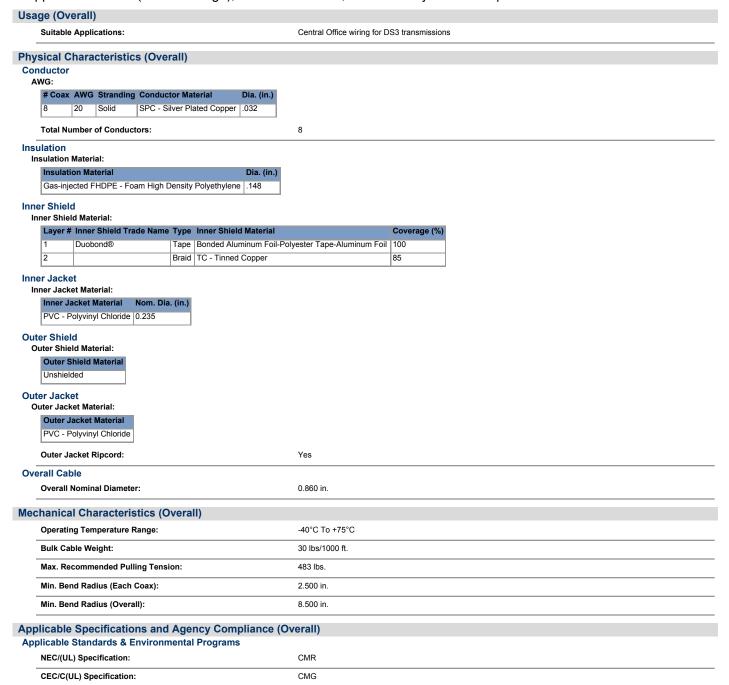
1-800-Belden1



General Description:

EU Directive 2011/65/EU (ROHS II):

20 AWG solid .032" silver-plated copper conductors, gas-injected FHDPE insulation, Duobond® + tinned copper braid shield (85% coverage), inner PVC Jacket, overall PVC jacket with ripcord.



Yes

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	EU CE Mark:	Yes
	EU Directive 2000/53/EC (ELV):	Yes
	EU Directive 2002/95/EC (RoHS):	Yes
	EU RoHS Compliance Date (mm/dd/yyyy):	04/09/2007
	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
	Other Specification:	Telcordia Specification GR-139-CORE; SBC ENTERPRISE - SBC-002-316-019, ISSUE 4
Fla	me Test	
	UL Flame Test:	UL1666 Vertical Shaft
	CSA Flame Test:	FT4
Sui	tability	
	Suitability - Indoor:	Yes
Ple	num/Non-Plenum	
	Pienum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
16.8

Nominal Velocity of Propagation:



Nominal Delay:

Delay (ns/ft) 1.27

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nom. Inner Shield DC Resistance:

Description DCR @ 20°C (Ohm/1000 ft)
2.4

Max. Attenuation:

Attenuation (DS3/4) (dB/100 ft.)	Freq. (MHz)	Attenuation (dB/100 ft.)
0	1.000	0.280
0	5.000	0.590
0	10.000	0.800
0	22.500	1.180
0	50.000	1.820
0	100.000	2.600
0	150.000	3.220

Max. Operating Voltage - UL:

Voltage 300 V RMS

Other Electrical Characteristic 1: Impedance tested in accordance with ASTM D-4566 paragraph 48.2, option 2 using a 75 ohm fixed bridge and termination

Other Electrical Characteristic 2: RL tested in accordance with ASTM D-4566 paragraph 50.3, using a 75 ohm fixed bridge and termination.

Other Electrical Characteristic 3: 100% Sweep tested

Minimum Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		5	150	32

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
734C8 0081000	1,000 FT	70.000 LB	GRAY	С	8#20LDPE/FHDLDPE SH FRPVCFRPVC
734C8 0082000	2,000 FT	146.000 LB	GRAY	С	8#20LDPE/FHDLDPE SH FRPVCFRPVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 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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