Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



734C3 Coax - 734C Series

For more Information please call

1-800-Belden1

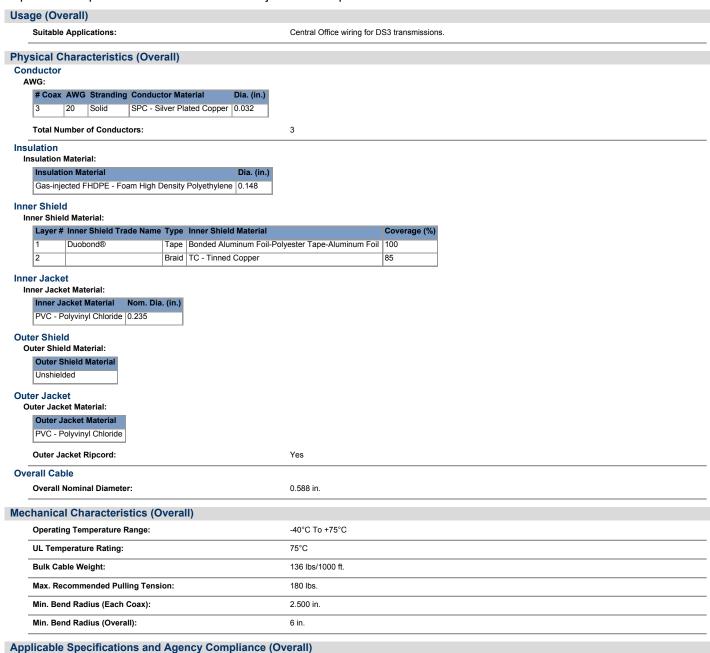


General Description:

Applicable Standards & Environmental Programs

NEC/(UL) Specification:

20 AWG solid .032" silver-plated copper conductors, gas-injected FHDPE insulation, Duobond® (100% coverage) plus a tinned copper braid shield (85% coverage), inner PVC jacket, overall PVC jacket with ripcord. Multiple coaxes feature inner PVC jackets with printed numbers for circuit ID.



CMR

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CEC/C(UL) Specification:	CMG
EU Directive 2011/65/EU (ROHS II):	Yes
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):	10/09/2007
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 GF-139-CORE; SBC ENTERPRISE - SBC-002-316-019, ISSUE 4
Flame Test	
UL Flame Test:	UL1666 Vertical Shaft
CSA Flame Test:	FT4
Suitability	
Suitability - Indoor:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft) 16.800

Nominal Velocity of Propagation:

VP (%) 80.000

Nominal Delay:

Delay (ns/ft) 1.270

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 10.000

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 2.400

Max. Attenuation:

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

Max. Operating Voltage - UL:

Voltage 300 V RMS

Minimum Return Loss:

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.	

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Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
5.000	150.000	32.000

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
734C3 0081000	1,000 FT	149.000 LB	GRAY		3#20LDPE/GIFHDLDPESHFRPVCFRPVC
734C3 0083000	3,000 FT	447.000 LB	GRAY		3#20LDPE/GIFHDLDPESHFRPVCFRPVC
734C3 0085000	5,000 FT	765.000 LB	GRAY		3#20LDPE/GIFHDLDPESHFRPVCFRPVC

Revision Number: 0 Revision Date: 08-07-2013

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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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