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1-800-Belden1



## General Description:

20 AWG solid .032" (.81mm) bare copper conductor(s), gas-injected FHDPE insulation, Beldfoil® + tinned copper braid shield (85% coverage), PVC jacket.

## Physical Characteristics (Overall)

### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
6	20	Solid	BC - Bare Copper	.032

Total Number of Conductors: 6

### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethylene	.148

### Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	85

### Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.235

### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

### Overall Cable

Overall Nominal Diameter: 0.772 in.

## Mechanical Characteristics (Overall)

Operating Temperature Range: -45°C To +75°C

Bulk Cable Weight: 250 lbs/1000 ft.

Max. Recommended Pulling Tension: 360 lbs.

Min. Bend Radius/Minor Axis: 8 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

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):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes
Other Specification:	Telcordia Specification GR-139-CORE

**Flame Test**

UL Flame Test:	UL1666 Vertical Shaft
CSA Flame Test:	FT4

**Suitability**

Suitability - Indoor:	Yes
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)**

**Nom. Characteristic Impedance:**

Impedance (Ohm)	75
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**Nom. Inductance:**

Inductance (µH/ft)	.097
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**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)	16.8
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**Nominal Velocity of Propagation:**

VP (%)	80
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**Nominal Delay:**

Delay (ns/ft)	1.27
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**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)	10
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**Nom. Inner Shield DC Resistance:**

Description	DCR @ 20°C (Ohm/1000 ft)
	24

**Max. Operating Voltage - UL:**

Voltage	300 V RMS
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Other Electrical Characteristic 1:	Impedance tested in accordance with ASTM D-4566 paragraph 43.2 option 2 using a 75 OHM fixed bridge and termination.
Other Electrical Characteristic 2:	RL tested in accordance with ASTM D-4566 paragraph 45.2 option 2 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)
		15	95	30

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
734A6 0081000	1,000 FT	289.000 LB	GRAY	C	6 #20 PE/FHDPE SH PVC FRPVC
734A6 008500	500 FT	140.500 LB	GRAY	C	6 #20 PE/FHDPE SH PVC FRPVC

Notes:  
C = CRATE REEL PUT-UP.

Revision Number: 2    Revision Date: 08-24-2012

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

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- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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