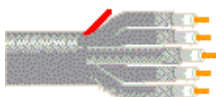


For more Information  
please call

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. (mm)
6	20	Solid	BC - Bare Copper	0.8128

Total Number of Conductors: 6

#### Insulation

Insulation Material:

Insulation Material	Dia. (mm)
Gas-injected FHDPE - Foam High Density Polyethylene	3.7592

#### 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. (mm)
PVC - Polyvinyl Chloride	5.969

#### 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: 19.609 mm

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 372.050 Kg/Km

Max. Recommended Pulling Tension: 1601.350 N

Min. Bend Radius/Minor Axis: 203.200 mm

## 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
MII 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

### Nom. Inductance:

Inductance (μH/m)
0.318257

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
55.1208

### Nominal Velocity of Propagation:

VP (%)
80

### Nominal Delay:

Delay (ns/m)
4.16687

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
32.81

### Nom. Inner Shield DC Resistance:

Description	DCR @ 20°C (Ohm/km)
	78.744

### Max. Operating Voltage - UL:

Voltage
300 V RMS

## 734A6 Coax - 734A Series

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