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1-800-Belden1



### General Description:

20 AWG solid .032" (.81mm) silver-plated copper conductor(s), gas-injected FHDPE insulation, Beldfoil® tinned copper braid shield (85% coverage), overall PVC jackets. (2) of these coax Siamese bonded in parallel.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
2	20	Solid	SPC - Silver Plated Copper	.032

Total Number of Conductors: 2

#### Insulation

Insulation Material:

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

#### Outer Shield

Outer Shield Material:

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

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

#### Overall Cable

Overall Nominal Diameter: 0.235 x 0.485 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +75°C
UL Temperature Rating:	60°C
Non-UL Temperature Rating:	75°C
Bulk Cable Weight:	61 lbs/1000 ft.
Max. Recommended Pulling Tension:	120 lbs.
Min. Bend Radius/Minor Axis:	2.500 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:	No
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

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)**

**Nom. Characteristic Impedance:**

Impedance (Ohm)  
75

**Nom. Inductance:**

Inductance (µH/ft)  
.097

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)  
16.8

**Nominal Velocity of Propagation:**

VP (%)  
80

**Nominal Delay:**

Delay (ns/ft)  
1.27

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)  
10

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)  
2.4

**Max. Operating Voltage - UL:**

Voltage  
300 V RMS

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 45.3, using a 75 OHM fixed bridge and termination.

**Minimum Return Loss:**

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		5	95	30

**Sweep Test**

Sweep Testing: 100% Sweep Tested 15 - 95 MHz

**Notes (Overall)**

Notes: Siamese versions feature zip cord design with printing on one leg.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
734D2 0081000	1,000 FT	63.000 LB	GRAY	C	#20 GIFHDLDPPE SH PVC DUAL
734D2 0084000	4,000 FT	252.000 LB	GRAY		#20 GIFHDLDPPE SH PVC DUAL
734D2 008500	500 FT	34.500 LB	GRAY		#20 GIFHDLDPPE SH PVC DUAL

Notes:  
C = CRATE REEL PUT-UP.

Revision Number: 3    Revision Date: 08-05-2013

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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