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please call

1-800-Belden1



## Description:

18 AWG solid .037" silver-coated copper-covered steel conductor, plenum, TFE Teflon® insulation, silver-coated copper braid shield (95% coverage), FEP jacket.

## Physical Characteristics (Overall)

### Conductor

#### AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	Solid	SCCCS - Silver-coated Copper-covered Steel	.037

Total Number of Conductors: 1

### Insulation

#### Insulation Material:

Insulation Trade Name	Insulation Material	Dia. (in.)
Teflon®	TFE - Tetrafluoroethylene	.116

### Outer Shield

#### Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	SCC - Silver-coated Copper	95

### Outer Jacket

#### Outer Jacket Material:

Outer Jacket Material
FEP - Fluorinated Ethylene Propylene

### Overall Cable

Overall Nominal Diameter: 0.170 in.

## Mechanical Characteristics (Overall)

Operating Temperature Range: -70°C To +200°C

UL Temperature Rating: 200°C

Bulk Cable Weight: 30 lbs/1000 ft.

Max. Recommended Pulling Tension: 112 lbs.

Min. Bend Radius/Minor Axis: 2 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL2P

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): 04/01/2005

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
Military Specification:	MIL-DTL-17H, M17/111
RG Type:	303/U

### Plenum/Non-Plenum

Plenum (Y/N):	Yes
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## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

50

### Nom. Inductance:

Inductance (µH/ft)

.067

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

29.0

### Nominal Velocity of Propagation:

VP (%)

70

### Nominal Delay:

Delay (ns/ft)

1.48

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.3

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.3

### Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100 ft.)

1	.3
10	1.1
50	2.7
100	3.9
200	5.6
400	8.2
700	11.0
900	12.5
1000	13.5

### Max. Operating Voltage - UL:

Voltage

150 V RMS

### Max. Operating Voltage - Other:

Voltage Description

1400 V RMS MIL

## Notes (Overall)

**Notes:** Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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84303 0011000	1,000 FT	31.000 LB	BROWN	C E	M17/111 COAX
84303 001500	500 FT	16.000 LB	BROWN	C E	M17/111 COAX

**Notes:**

C = CRATE REEL PUT-UP.

E = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'

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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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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
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- Работу по проектам и поставку образцов.
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- Входной контроль качества.
- Наличие сертификата ISO.

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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