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1-800-Belden1



## Description:

26 AWG stranded (7x34) .020" silver-plated copper-covered steel conductor, TFE Teflon® insulation, silver-plated copper braid shield (95% coverage), FEP jacket.

## Physical Characteristics (Overall)

### Conductor

#### AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	26	7x34	SPCCS - Silver Plated Copper Covered Steel	0.508

### Insulation

#### Insulation Material:

Insulation Trade Name	Insulation Material	Dia. (mm)
Teflon®	TFE - Tetrafluoroethylene	1.4732

### Outer Shield

#### Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	SPC - Silver Plated Copper	95

### Outer Jacket

#### Outer Jacket Material:

Outer Jacket Material
FEP - Fluorinated Ethylene Propylene

### Overall Cabling

Overall Nominal Diameter: 2.489 mm

## Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 200°C

Bulk Cable Weight: 14.882 Kg/Km

Max. Recommended Pulling Tension: 93.412 N

Min. Bend Radius (Install)/Minor Axis: 25.400 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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: M17/113-RG316

RG Type: 316/U

**Plenum/Non-Plenum**

Plenum (Y/N): No

## Electrical Characteristics (Overall)

**Nom. Characteristic Impedance:**

Impedance (Ohm)

50

**Nom. Inductance:**

Inductance (µH/m)

0.219827

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/m)

95.149

**Nominal Velocity of Propagation:**

VP (%)

69.5

**Nominal Delay:**

Delay (ns/m)

4.85588

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)

275.932

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/km)

21.3265

**Nom. Attenuation:**

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

1	3.9372
10	8.8587
50	18.3736
100	27.2323
200	39.372
400	57.4175
700	77.7597
900	89.5713
1000	95.149

**Max. Operating Voltage - Other:**

Voltage	Description
Military Specification	900 V RMS

## Notes (Overall)

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

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83284 009100	30 MT	0.499 KG	WHITE	E	M17/113-RG316 COAX
83284 0091000	305 MT	4.990 KG	WHITE	E	M17/113-RG316 COAX
83284 009500	152 MT	2.722 KG	WHITE	E	M17/113-RG316 COAX

**Notes:**

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

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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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