

83266 Coax - 95 Ohm Coax

 For more Information
 please call

1-800-Belden1



General Description:

95 ohm 30 AWG Stranded (7x38) .012" silver-plated copper-covered steel conductor, TFE Teflon® insulation, silver-plated copper braid shield (90% coverage), FEP jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	30	7x38	SPCCS - Silver Plated Copper Covered Steel	.012

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
TFE - Tetrafluoroethylene	.102

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	SPC - Silver Plated Copper	90.000

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
FEP - Fluorinated Ethylene Propylene

Overall Cable

Overall Nominal Diameter: 0.141 in.

Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 200°C

Bulk Cable Weight: 18 lbs/1000 ft.

Max. Recommended Pulling Tension: 25 lbs.

Min. Bend Radius/Minor Axis: 1.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

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CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Military Specification:	MIL-C-17, M17/95-RG180
RG Type:	180/U

Flame Test

UL Flame Test:	VW-1
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Plenum/Non-Plenum

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

Nom. Characteristic Impedance:

Impedance (Ohm)
95

Nom. Inductance:

Inductance (μH/ft)
.135

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
15.0

Nominal Velocity of Propagation:

VP (%)
69.5

Nominal Delay:

Delay (ns/ft)
1.48

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
244.0

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	2.4
10	3.3
50	4.6
100	5.7
200	7.6
400	10.7
700	14.9
900	15.9
1000	17.0

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83266 0011000	1,000 FT	19.000 LB	BROWN	C E	#30 COAX M17/95-RG180

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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