

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

Flame Test

UL Flame Test: VW-1

Plenum/Non-Plenum

Plenum (Y/N): No

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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