


83266 Coax - 95 Ohm Coax

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

95 ohm 30 AWG Stranded (7x38) .012" silver-plated copper-covered steel conductor, TFE Teflon® insulation, silver-plated copper braid shield (91% coverage), FEP jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	180/U
AWG	30
Stranding	7x38
Conductor Diameter	.012 in.
Conductor Material	SPCCS - Silver Plated Copper Covered Steel

INSULATION:

Insulation Material	TFE - Tetrafluoroethylene
Insulation Diameter	.102 in.

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	SPC - Silver Plated Copper
Outer Shield % Coverage	91 %

OUTER JACKET:

Outer Jacket Material	FEP - Fluorinated Ethylene Propylene
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.141 in.
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MECHANICAL CHARACTERISTICS:

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 (Install)	1.4 in.



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APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

EU CE Mark (Y/N)	No
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
Military Specification	MIL-C-17G M17/95-RG180

FLAME TEST:

UL Flame Test	VW-1
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	95 Ohms
Nom. Inductance	.135 μ H/ft
Nom. Capacitance Conductor to Shield	15.0 pF/ft
Nominal Velocity of Propagation	69.5 %
Nominal Delay	1.48 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	244.0 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	6.5 Ohms/1000 ft

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. 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

Max. Operating Voltage - Other 1100 V RMS

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
83266 0011000	#30 COAX M17/95-RG180	1000	20	BROWN	C E

C = CRATE REEL PUT-UP.

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

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