

8262 Coax - 50 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:

20 AWG stranded (19x33) .035" tinned copper conductor, polyethylene insulation, tinned copper braid shield (95% coverage), non-contaminating PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	58C/U
AWG	20
Stranding	19x33
Conductor Diameter	.035 in.
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PE - Polyethylene
Insulation Diameter	.115 in.

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	TC - Tinned Copper
Outer Shield % Coverage	95 %

OUTER JACKET:

Outer Jacket Material	PVCNC - Polyvinyl Chloride Non-Contaminating
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.195 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +85°C
UL Temperature Rating	85°C
Bulk Cable Weight	24 lbs/1000 ft.
Max. Recommended Pulling Tension	42 lbs.
Min. Bend Radius (Install)	2 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

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APPLICABLE STANDARDS:

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
Military Specification	MIL-C-17G, M17/155-00001

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	50 Ohms
Nom. Inductance	.077 μ H/ft
Nom. Capacitance Conductor to Shield	30.8 pF/ft
Nominal Velocity of Propagation	66 %
Nominal Delay	1.54 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	10.8 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg.C	4.1 Ohms/1000 ft

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			.4
	10			1.4
	50			3.3
	100			4.9
	200			7.3
	400			11.5
	700			17.0
	900			20.0
	1000			21.5

Max. Operating Voltage - Non-UL	1400 V RMS
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NOTES:

Notes	Non-SWR swept version of RG-58.
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PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8262 0101000	MIL-C-17G COAX	1000	25	BLACK	C
8262 010500	MIL-C-17G COAX	500	12.5	BLACK	C
8262 010U1000	MIL-C-17G COAX	U1000	26	BLACK	
8262 010U500	MIL-C-17G COAX	U500	13.5	BLACK	

C = CRATE REEL PUT-UP.

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