

8267 Coax - 50 Ohm Cable

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

13 AWG stranded (7x21) .089" bare copper conductor, polyethylene insulation, bare copper braid shield (96% coverage), non-contaminating PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	213/U
AWG	13
Stranding	7x21
Conductor Diameter	.089 in.
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PE - Polyethylene
Insulation Diameter	.285 in.

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	BC - Bare Copper
Outer Shield % Coverage	96 %

OUTER JACKET:

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

Overall Nominal Diameter	.405 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +80°C
UL Temperature Rating	60°C (UL AWM Style 1354)
Bulk Cable Weight	104 lbs/1000 ft.
Max. Recommended Pulling Tension	184 lbs.
Min. Bend Radius (Install)	5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

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APPLICABLE STANDARDS:

NEC/(UL) Specification	CMX
CEC/C(UL) Specification	CMX
AWM Specification	UL Style 1354 (30 V 60°C)
EU CE Mark (Y/N)	No
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
Military Specification	MIL-C-17, M17/163-00001

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	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	1.7 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg.C	1.2 Ohms/1000 ft

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			.27
	10			.55
	50			1.3
	100			1.9
	200			2.7
	400			4.1
	700			6.5
	900			7.6
	1000			8.0
	4000			21.5

Max. Power Rating :

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Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Power Rating (W)
	1			7950
	10			2761
	50			1122
	100			748
	200			494
	400			326
	700			235
	900			205
	1000			194
	4000			110

Max. Operating Voltage - UL :

UL Voltage	Description
30 V RMS	UL AWM Style 1354
300 V RMS	NEC

Max. Operating Voltage - Non-UL 3700 V RMS (MIL-SPEC)

NOTES:

Notes Non-SWR swept version of RG-213.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8267 0101000	#13 PE BRD PVC	1000	117	BLACK	C
8267 010500	#13 PE BRD PVC	500	59.5	BLACK	C

C = CRATE REEL PUT-UP.

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