

8267 Coax - 50 Ohm Cable

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

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
-----------------------	--

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.405 in.
--------------------------	----------

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:

8267 Coax - 50 Ohm Cable

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
---------------	------

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
--------------	---

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°C	1.2 Ohms/1000 ft

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			.17
	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 :

8267 Coax - 50 Ohm Cable

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Power Rating (W)
	1			9295
	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.

Revision Number: 1 Revision Date: 10-06-2005

© Copyright 2006 Belden, Inc
All Rights Reserved.

Although Belden ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Cable Mfgs.(San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan-2003);Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb-2003). The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information and belief at the date of its publication. The information provided in the Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

8267 Coax - 50 Ohm Cable