

**8267**

Part Number: 8267



---

## Product Description

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

---

## Product Specifications

### Conductor

Total Number of Conductors:

1

---

## Technical Specifications

### APAC Standard

Mil Order #39 (China RoHS):

Yes

### Bend Radius

Min Bend Radius/Minor Axis:

5 in

### CCB-Part Number

Notes:

Non-SWR swept version of RG-213.

### CCB-Sub-Part Number

Plenum (Y/N):

No

### Contact Information

PHONE\_NUM:

1-800-Belden1

### EMEA Standard

---

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
--------------------------	-------------------------------

## Environmental Characteristics

Operating Temp Range:	-40°C To +80°C
-----------------------	----------------

## EU Directive

EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01

## North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMX
Military Specification:	MIL-C-17, M17/163-00001
NEC/(UL) Specification:	CMX
RG Type:	213/U
UL AWM Style:	UL Style 1354 (30 V 60°C)

## Safety

UL Flammability:	VW-1
------------------	------

## Temperature Range

UL Temp Rating:	60°C (UL AWM Style 1354)
-----------------	--------------------------

## Use

Max Recommended Pulling Tension:	184 lbs
----------------------------------	---------

### Impedance:

<b>Nominal Characteristic Impedance</b>
50 Ohm

### Inductance:

<b>Nominal Inductance</b>
0.077 $\mu$ H/ft

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
1.7 Ohm/1000ft	1.2 Ohm/1000ft

**Power Rating:**

Frequency [MHz]	Max. Power Rating [W]
1 MHz	7,950 W
10 MHz	2,761 W
50 MHz	1,122 W
100 MHz	748 W
200 MHz	494 W
400 MHz	326 W
700 MHz	235 W
900 MHz	205 W
1,000 MHz	194 W
4,000 MHz	110 W

**Delay:**

Nominal Delay	Nominal Velocity of Propagation (VP)
1.54 ns/ft	66 %

**Voltage:**

Non-UL Voltage Rating	UL Description	UL Voltage Rating
3700V RMS (MIL-SPEC)	UL AWM Style 1354	30V RMS
	NEC	300V RMS

**Capacitance:**

Nominal Capacitance Conductor to Shield
30.8 pF/ft

**High Frequency (Nominal/Typical):**

Frequency (MHz)	Nom. Insertion Loss
1 MHz	0.27 db/100ft
10 MHz	0.55 db/100ft

50 MHz	1.3 db/100ft
100 MHz	1.9 db/100ft
200 MHz	2.7 db/100ft
400 MHz	4.1 db/100ft
700 MHz	6.5 db/100ft
900 MHz	7.6 db/100ft
1000 MHz	8 db/100ft
4000 MHz	21.5 db/100ft

**Insulation:**

Material	Nominal Diameter
PE - Polyethylene	0.285 in

**Outerjacket 1:**

Material	Nominal Diameter
PVCNC - Polyvinyl Chloride Non-Contaminating	0.405 in

**Conductor:**

AWG	Stranding	Material	Nominal Diameter	No. of Coax
13	7x21	BC - Bare Copper	0.089 in	1

**Outershield 1:**

Type	Material	Coverage
Braid	BC - Bare Copper	96 %

**Product Variants**

Part Number	Color	Put-Up Type	Length
8267 0101000	BLACK	Reel	1000 ft
8267 010500	BLACK	Reel	500 ft

© 2015 Belden, Inc

All Rights Reserved.

Although 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. 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 this 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.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.