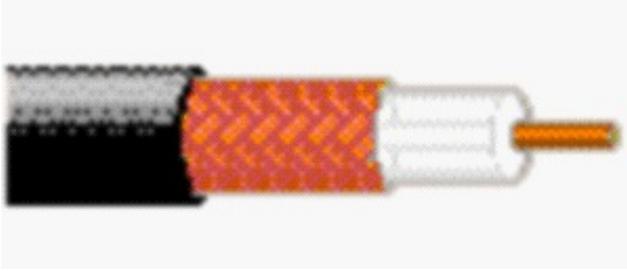


**Part Number:** 8263

Analog Video, RG59, #23 Solid BCCS, 95% BC Braid, PVC Jacket, CMX



## Product Description

23 AWG solid bare copper-covered steel conductor, polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
23	Solid	BCCS - Bare Copper Covered Steel	0.023 in	1
<b>Total Number of Conductors:</b>				1

#### Insulation:

Material	Nominal Diameter
PE - Polyethylene	0.146 in

#### Outershield 1:

Type	Material	Coverage [%]
Braid	BC - Bare Copper	95 %

#### Outerjacket 1:

Material	Nominal Diameter
PVCNC - Polyvinyl Chloride Non-Contaminating	0.241 in

### Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
49 Ohm/1000ft	2.6 Ohm/1000ft

## Capacitance:

Nom. Capacitance Conductor to Shield
20.5 pF/ft

## Impedance:

Nominal Characteristic Impedance
75 Ohm

## High Frequency (Nominal/Typical):

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.6 dB/100ft
10 MHz	1.1 dB/100ft
50 MHz	2.4 dB/100ft
100 MHz	3.4 dB/100ft
200 MHz	4.9 dB/100ft
400 MHz	7 dB/100ft
700 MHz	9.7 dB/100ft
900 MHz	11.1 dB/100ft
1000 MHz	12 dB/100ft

## Delay:

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

## Inductance:

Nominal Inductance
0.115 $\mu$ H/ft

## Voltage:

Non-UL Voltage Rating	UL Voltage Rating
1700V RMS	150V RMS V

## Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	78 lbs

## Safety

UL Flammability:	VW-1
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## Temperature Range

Non-UL Temp Rating:	60°C °C
Operating Temp Range:	-40°C To +60°C °C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.5 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMX
MII Order #39 (China RoHS):	Yes
Military Specification:	Mil-C-17D
NEC/(UL) Specification:	CMX
RG Type:	59B/U
UL AWM Style:	UL Style 1354 (30 V 60°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

## Product Variants

Part Number	Color	Put-Up Type	Length
8263	BLACK	Reel	1000 ft
8263	BLACK	Reel	305 m
8263 0101000	BLACK	Reel	1000 ft
8263	BLACK	Reel	305 m
8263	BLACK	UnReel	1000 ft
8263	BLACK	UnReel	305 m
8263 010U1000	BLACK	UnReel	1000 ft
8263	BLACK	UnReel	500 ft
8263	BLACK	UnReel	152 m
8263 010U500	BLACK	UnReel	500 ft
8263			

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