
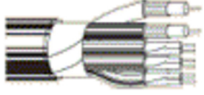


**Product:** [1263B](#) 



Composite Cameras and CCTV

### Product Description

Composite, 2 Coax, RG-59 25 AWG BC, stranded (7x33), foil + TC braid 95% coverage, 3 PR 22 AWG TC, stranded (7x30), foil shield, 3 Conductor, overall PVC jacket.

### Technical Specifications

#### Product Overview

Suitable Applications:	Electronic News Gathering (ENG), Electronic Field Production (EFP), Analog Audio + Digital Video Composite Applications, 2 V + 3A
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#### Physical Characteristics (Overall)

##### Conductor

Element	AWG	Stranding	Material	Nominal Diameter	No. of Conductors	No. of Pairs	No. of Coax
Coax(es)	25	Stranded	BC - Bare Copper	0.021 in	3		2
Twisted Pairs	22	7x30	TC - Tinned Copper	0.03 in		3	
					3		

##### Insulation

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.1 in
PP - Polypropylene	0.046 in

##### Color Chart

Number	Color
1	Red
2	Black
1	Black and Red
2	Black and Red
3	Black and Red
1	Brown
2	Red
3	Orange

##### Inner Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	1	Bi-Laminate (Alum+Poly)	Duofoil®	100%	TC - Tinned Copper	0.03 in	22	7x30
Braid	2	Tinned Copper (TC)		95%				
Tape		Bi-Laminate (Alum+Poly)	Beldfoil® (Z-Fold®)	100%				

##### Inner Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.16 in
PVC - Polyvinyl Chloride	0.125 in

##### Outer Jacket Material

Material	Nominal Diameter
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PVC - Polyvinyl Chloride 0.492 in

## Electrical Characteristics

### Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Inner Shield DCR	Nominal Outer Shield DCR	Outer Conductor DCR
30.2 Ohm/1000ft	30.2 Ohm/1000ft	5.9 Ohm/1000ft	11.3 Ohm/1000ft	5.9 Ohm/1000ft

### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield	Nom. Capacitance Conductor to Shield
32 pF/ft	58 pF/ft	17.3 pF/ft

### Impedance

Nominal Characteristic Impedance
75 Ohm
50 Ohm

### High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.45 dB/100ft
5 MHz	1.1 dB/100ft
10 MHz	1.5 dB/100ft
50 MHz	3.2 dB/100ft
100 MHz	4.3 dB/100ft
300 MHz	10.6 dB/100ft
500 MHz	13.8 dB/100ft

### Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.3 ns/ft	78%
	66%

### Voltage

Non-UL Voltage Rating	UL Voltage Rating
150 V RMS	30 V RMS

## Temperature Range

UL Temp Rating:	60°C
Operating Temp Range:	-20°C To +60°C

## Mechanical Characteristics

Bulk Cable Weight:	107 lbs/1000ft
Max. Pull Tension:	135 lbs
Min Bend Radius/Minor Axis:	5 in

## Standards

RG Type:	Mini 59
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## Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	Yes
EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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### Flammability, LSOH, Toxicity Testing

UL voltage rating:	30 V RMS
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Part Number

#### Variants

Item #	Color	Putup Type	Length	UPC
1263B J5C500	Black, Vivid Matte	Reel	500 ft	612825109938
1263B J5C1000	Black, Vivid Matte	Reel	1,000 ft	612825109921

Footnote:	C - CRATE REEL PUT-UP.
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### Product Notes

Notes:	Round Construction
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### History

Update and Revision:	Revision Number: 0.222 Revision Date: 09-30-2020
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