

**Part Number: 9265**

Composite ENG, EFP and CCTV



**Product Description**

Composite, RG-59 22 AWG BC Coax, stranded (7x30), BC braid 95% coverage, 1 PR 22 AWG TC, stranded (7x30), w/drain wire, PVC jacket.

**Technical Specifications**

**Product Overview**

Environmental Space:	Indoor (Not Riser or Plenum)
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	Nominal Diameter	No. of Pairs	No. of Coax
22	Stranded	BC - Bare Copper	0.03 in	1	1
22	7x30	TC - Tinned Copper	0.03 in		

Total Number of Pairs:	1
Conductor Size:	22 AWG

**Insulation**

Material	Nominal Diameter
FPE - Foamed Polyethylene	0.146 in
PVC - Polyvinyl Chloride	0.054 in

**Color Chart**

Number	Color
1	Black
2	Red

**Inner Shield Material**

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Braid	BC - Bare Copper		95 %	TC - Tinned Copper	0.03 in	22	7x30
Tape	Aluminum Foil-Polyester Tape	Beldfoil® (Z-Fold®)	100 %				

**Outer Jacket Material**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.47 in
	0.47 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR	Conductor Resistance	Nominal Inner Shield DCR	Nominal Outer Shield DCR
15 Ohm/1000ft		2.6 Ohm/1000ft	11 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
51 pF/ft	17.3 pF/ft

95.5 pF/ft

**Inductance****Nominal Inductance**

0.09 µH/ft

**Impedance****Nominal Characteristic Impedance**

75 Ohm

35 Ohm

**High Frequency (Nominal/Typical)**

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.3 dB/100ft
5 MHz	0.7 dB/100ft
10 MHz	1 dB/100ft
50 MHz	2.1 dB/100ft
100 MHz	3 dB/100ft

**Delay**

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.3 ns/ft	78 %
	58 %

**Voltage****UL Voltage Rating**

30 V RMS

Electrical Characteristics Notes:

Coax Nominal Voltage Breakdown Jacket (Shield to Ground) = 22kV RMS

**Temperature Range**

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

**Mechanical Characteristics**

Bulk Cable Weight:	58 lbs/1000ft
Max Recommended Pulling Tension:	68 lbs
Min Bend Radius/Minor Axis:	2.5 in

**Standards**

NEC/(UL) Specification:	CL2
UL AWM Style:	UL Style 20006
RG Type:	59/U Type

**Applicable Environmental and Other Programs**

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):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

**Suitability**

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

UL Flammability:	UL1685 UL Loading
UL voltage rating:	30 V RMS

## Plenum/Non-Plenum

Plenum (Y/N): No

## Part Number

### Variants

Item #	Color	Footnote
9265 0101000	Black	C
9265 010500	Black	C

Footnote: C - CRATE REEL PUT-UP.

## Product Notes

Notes: Simaese Type Construction.

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