## **Detailed Specifications & Technical Data**

METRIC MEASUREMENT VERSION



9268 Coax - 93 Ohm

For more Information please call

1-800-Belden1



## **General Description:**

93 ohm, RG-62A/U type, 22 AWG solid .025" bare copper-covered steel conductor, semi-solid polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

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### **Physical Characteristics (Overall)**

#### Conductor

#### AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	22	Solid	BCCS - Bare Copper Covered Steel	0.635

Total Number of Conductors:

### Insulation

#### **Insulation Material:**

Insulation Material	Wall Thickness (mm)	Dia. (mm)
Semi-Solid PE - Semi-Solid Polyethylene	0.660	3.708

#### **Outer Shield**

### **Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95

Outer Shield Separator Material: Polyester Tape

### **Outer Jacket**

### **Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.041

#### **Overall Cable**

Overall Nominal Diameter: 6.604 mm

### **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-40°C To +80°C	
UL Temperature Rating:	60°C (UL AWM Style 1478)	
Bulk Cable Weight:	59.528 Kg/Km	
Max. Recommended Pulling Tension:	373.649 N	
Min. Bend Radius/Minor Axis:	69.850 mm	

### **Applicable Specifications and Agency Compliance (Overall)**

### **Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CL2, CM	
CEC/C(UL) Specification:	CM	
AWM Specification:	UL Style 1478 (30 V 60°C)	
EU Directive 2011/65/EU (ROHS II):	Yes	
EU CE Mark:	No	
EU Directive 2000/53/EC (ELV):	Yes	

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EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Customer Part Number Reference Specification:	IBM P/N 5252750
RG Type:	62A/U
Flame Test	
UL Flame Test:	UL1685 UL Loading
Plenum/Non-Plenum	
Plenum (Y/N):	No

### **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:



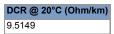
**Nominal Delay:** 



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1	0.9843
10	2.9529
50	6.2339
100	8.8587
200	12.4678
400	17.3893
700	23.9513
900	26.9042
1000	28.5447

### Max. Operating Voltage - UL:

Voltage	Description
300 V RMS	CM
30 V RMS	UL AWM Style 1478
150 V RMS	CL2

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### Max. Operating Voltage - Non-UL:

750 V RMS

### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9268 010U1000	305 MT	19.051 KG	BLACK		RG-62A/U TYPE COAX
9268 0101000	305 MT	19.958 KG	BLACK	С	RG-62A/U TYPE COAX
9268 010500	152 MT	9.979 KG	BLACK	С	RG-62A/U TYPE COAX

#### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 10-16-2012

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