# **Detailed Specifications & Technical Data**

**METRIC MEASUREMENT VERSION** 



9269 Coax - 93 Ohms

For more Information please call

1-800-Belden1



### **Description:**

22 AWG solid .025" bare copper-covered steel conductor, semi-solid polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

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

### Conductor

#### AWG:

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

### Insulation

### **Insulation Material:**

Insulation Material	Dia. (mm)
Semi-Solid PE - Semi-Solid Polyethylene	3.7084

### **Outer Shield**

### **Outer Shield Material:**

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

### **Outer Jacket**

### **Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

### **Overall Cabling**

Overall Nominal Diameter: 6.071 mm

# Mechanical Characteristics (Overall) Operating Temperature Range: -40°C To +80°C UL Temperature Rating: 60°C (UL AWM Style 1478) Bulk Cable Weight: 50.599 Kg/Km Max. Recommended Pulling Tension: 373.649 N Min. Bend Radius (Install)/Minor Axis: 63.500 mm

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

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

NEC/(UL) Specification:	CM, CL2
CEC/C(UL) Specification:	CM
AWM Specification:	UL Style 1478 (30 V 60°C)
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes

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EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
PMSHA Specification:	SC-182/3
Customer Part Number Reference Specification:	IBM P/N 323921
RG Type:	62A/U
lame Test	
UL Flame Test:	UL1685 UL Loading
lenum/Non-Plenum	
Plenum (Y/N):	No
Plenum Number:	89269, 87269, 82269

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

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



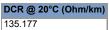
Nominal Velocity of Propagation:



**Nominal Delay:** 



Nom. Conductor DC Resistance:



**Nominal Outer Shield DC Resistance:** 

DCR @ 20°C	(Ohm/km)
_	, ,
9.5149	

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1	0.9843
10.00	2.95
50.00	6.23
100.00	8.86
200.00	12.47
400.00	17.39
700.00	23.95
900.00	26.90
1000.00	28.54

### Max. Operating Voltage - UL:

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

Max. Operating Voltage - Non-UL:

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### **Related Documents:**

No related documents are available for this product

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9269 A8RU1000	305 MT	16.329 KG	BEIGE, SNOW		RG-62A/U TYPE COAX
9269 003U1000	305 MT	16.329 KG	ORANGE		RG-62A/U TYPE COAX
9269 010U1000	305 MT	16.329 KG	BLACK		RG-62A/U TYPE COAX
9269 010U500	152 MT	8.391 KG	BLACK		RG-62A/U TYPE COAX 306 2.09
9269 0101000	305 MT	17.237 KG	BLACK		RG-62A/U TYPE COAX
9269 0101640	500 MT	27.524 KG	BLACK	С	RG-62A/U TYPE COAX
9269 0102000	610 MT	34.473 KG	BLACK	С	RG-62A/U TYPE COAX
9269 0103280	1,000 MT	55.048 KG	BLACK	С	RG-62A/U TYPE COAX
9269 010500	152 MT	7.711 KG	BLACK	С	RG-62A/U TYPE COAX
9269 0105000	1,524 MT	83.915 KG	BLACK	С	RG-62A/U TYPE COAX
9269 060U1000	305 MT	16.329 KG	CHROME		RG-62A/U TYPE COAX

Notes:

C = CRATE REEL PUT-UP.

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