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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

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

### Flame Test

UL Flame Test:	UL1685 UL Loading
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### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	89269, 87269, 82269

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)
93

### Nom. Inductance:

Inductance (µH/m)
0.380596

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
44.2935

### Nominal Velocity of Propagation:

VP (%)
84

### Nominal Delay:

Delay (ns/m)
3.97001

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
135.177

### 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:

<b>Voltage</b>
750 V RMS

## 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	C	RG-62A/U TYPE COAX
9269 0102000	610 MT	34.473 KG	BLACK	C	RG-62A/U TYPE COAX
9269 0103280	1,000 MT	55.048 KG	BLACK	C	RG-62A/U TYPE COAX
9269 010500	152 MT	7.711 KG	BLACK	C	RG-62A/U TYPE COAX
9269 0105000	1,524 MT	83.915 KG	BLACK	C	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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