Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9269 Coax - 93 Ohms

For more Information please call

1-800-Belden1



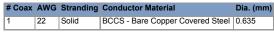
General Description:

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:



Total Number of Conductors:

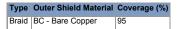
Insulation

Insulation Material:

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

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (m | m) |
|--------------------------|------------------------|----|
| PVC - Polyvinyl Chloride | 0.813 | |

Overall Cable

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: | 53.575 Kg/Km | |
| Max. Recommended Pulling Tension: | 373.649 N | |
| Min. Bend Radius/Minor Axis: | 63.500 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: | 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 |

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| Customer Part Number Reference Specification: | IBM P/N 323921 | | | | |
|---|---------------------|--|--|--|--|
| RG Type: | 62A/U | | | | |
| Flame Test | | | | | |
| UL Flame Test: | UL1685 UL Loading | | | | |
| Plenum/Non-Plenum | Plenum/Non-Plenum | | | | |
| Plenum (Y/N): | No | | | | |
| Plenum Number: | 89269, 87269, 82269 | | | | |

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

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 | Description |
|-----------|----------------|
| 300 V RMS | СМ |
| 150 V RMS | CL2 |
| 30 V RMS | AWM Style 1478 |

Max. Operating Voltage - Non-UL:

Voltage 750 V RMS

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|-------------|-------|-----------------------------|
| 9269 A8RU1000 | 1,000 FT | 36.000 LB | BEIGE, SNOW | | RG-62A/U TYPE COAX |
| 9269 003U1000 | 1,000 FT | 36.000 LB | ORANGE | | RG-62A/U TYPE COAX |
| 9269 010U1000 | 1,000 FT | 36.000 LB | BLACK | | RG-62A/U TYPE COAX |
| 9269 010U500 | 500 FT | 18.500 LB | BLACK | | RG-62A/U TYPE COAX 306 2.09 |
| 9269 0101000 | 1,000 FT | 38.000 LB | BLACK | | RG-62A/U TYPE COAX |
| 9269 0101640 | 1,640 FT | 60.680 LB | BLACK | С | RG-62A/U TYPE COAX |
| 9269 0102000 | 2,000 FT | 76.000 LB | BLACK | С | RG-62A/U TYPE COAX |
| 9269 0103280 | 3,280 FT | 121.360 LB | BLACK | С | RG-62A/U TYPE COAX |
| 9269 010500 | 500 FT | 19.000 LB | BLACK | С | RG-62A/U TYPE COAX |
| 9269 0105000 | 5,000 FT | 185.000 LB | BLACK | С | RG-62A/U TYPE COAX |

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9269 Coax - 93 Ohms

| 9269 060U1000 | 1,000 FT | 36.000 LB | CHROME | RG-62A/U TYPE COAX |
|---------------|----------|-----------|--------|--------------------|

Notes

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 04-04-2017

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