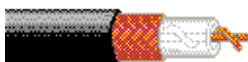


9269 Coax - 93 Ohms

 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. (in.) |
|--------|-----|-----------|----------------------------------|------------|
| 1 | 22 | Solid | BCCS - Bare Copper Covered Steel | .025 |

Insulation**Insulation Material:**

| Insulation Material | Dia. (in.) |
|---|------------|
| Semi-Solid PE - Semi-Solid Polyethylene | .146 |

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: 0.239 in.
Mechanical Characteristics (Overall)

| | |
|---|--------------------------|
| Operating Temperature Range: | -40°C To +80°C |
| UL Temperature Rating: | 60°C (UL AWM Style 1478) |
| Bulk Cable Weight: | 34 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 84 lbs. |
| Min. Bend Radius (Install)/Minor Axis: | 2.500 in. |

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 |
|----------------|-------------------|

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/ft) |
|--------------------|
| 0.116 |

Nom. Capacitance Conductor to Shield:

| Capacitance (pF/ft) |
|---------------------|
| 13.5 |

Nominal Velocity of Propagation:

| VP (%) |
|--------|
| 84 |

Nominal Delay:

| Delay (ns/ft) |
|---------------|
| 1.21 |

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 41.2 |

Nominal Outer Shield DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 2.9 |

Nom. Attenuation:

| Freq. (MHz) | Attenuation (dB/100 ft.) |
|-------------|--------------------------|
| 1 | 0.3 |
| 10 | 0.9 |
| 50 | 1.9 |
| 100 | 2.7 |
| 200 | 3.8 |
| 400 | 5.3 |
| 700 | 7.3 |
| 900 | 8.2 |
| 1000 | 8.7 |

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:

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 | C | RG-62A/U TYPE COAX |
| 9269 0102000 | 2,000 FT | 76.000 LB | BLACK | C | RG-62A/U TYPE COAX |
| 9269 0103280 | 3,280 FT | 121.360 LB | BLACK | C | RG-62A/U TYPE COAX |
| 9269 010500 | 500 FT | 17.000 LB | BLACK | C | RG-62A/U TYPE COAX |
| 9269 0105000 | 5,000 FT | 185.000 LB | BLACK | C | RG-62A/U TYPE COAX |
| 9269 060U1000 | 1,000 FT | 36.000 LB | CHROME | | RG-62A/U TYPE COAX |

Notes:

C = CRATE REEL PUT-UP.

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