

9223 Coax - Low Noise

For more Information
please call

1-800-Belden1

**Description:**

Low noise, RG-58/U Type, 22 AWG stranded (7x30) .030" TC conductor, polyethylene insulation, conductive layer, Duobond® II + TC braid shield (95% coverage), PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

| # Coax | AWG | Stranding | Conductor Material | Dia. (in.) |
|--------|-----|-----------|--------------------|------------|
| 1 | 22 | 7x30 | TC - Tinned Copper | .030 |

Total Number of Conductors: 1

Insulation**Insulation Material:**

| Layer # | Insulation Material | Dia. (in.) |
|---------|-------------------------------|------------|
| 1 | CPE - Conductive Polyethylene | 0.036 |
| 2 | PE - Polyethylene | 0.112 |

Outer Shield**Outer Shield Material:**

| Layer # | Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) |
|---------|-------------------------|-------|---|--------------|
| 1 | Bonded Duofoil® | Tape | Bonded Aluminum Foil-Polyester Tape-Aluminum Foil | 100 |
| 2 | | Braid | TC - Tinned Copper | 95 |

Outer Jacket**Outer Jacket Material:**

| Outer Jacket Material |
|--------------------------|
| PVC - Polyvinyl Chloride |

Overall Cable

Overall Nominal Diameter: 0.195 in.

Mechanical Characteristics (Overall)

| | |
|-----------------------------------|-----------------|
| Operating Temperature Range: | -40°C To +80°C |
| Non-UL Temperature Rating: | 80°C |
| Bulk Cable Weight: | 24 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 8.850 lbs. |
| Min. Bend Radius/Minor Axis: | 2 in. |

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

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

| | |
|----------|------|
| RG Type: | 58/U |
|----------|------|

Flame Test

| | |
|----------------|-------------------------|
| UL Flame Test: | UL1685 UL Loading, VW-1 |
|----------------|-------------------------|

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)

50

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

37.0

Nominal Velocity of Propagation:

VP (%)

56

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.8

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.1

| | |
|------------------------------------|---|
| Other Electrical Characteristic 1: | NBS Low Noise Test (Modified), MIL-C-17 Paragraph 4.8.14, 8 mV Peak to Peak Max |
|------------------------------------|---|

| | |
|----------------------------------|------|
| Max. Noise Level (Peak to Peak): | 8 mV |
|----------------------------------|------|

Notes (Overall)

Notes: Not recommended for RF use

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|-------|-------|--------------------------|
| 9223 010100 | 100 FT | 3.100 LB | BLACK | | #22 LOW NOISE COAX CABLE |
| 9223 0101000 | 1,000 FT | 26.000 LB | BLACK | C | #22 LOW NOISE COAX CABLE |
| 9223 010500 | 500 FT | 13.500 LB | BLACK | C | #22 LOW NOISE COAX CABLE |

Notes:

C = CRATE REEL PUT-UP.

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