

6502GE Multi-Conductor - Commercial Applications

For more Information
please call

1-800-Belden1

**Description:**

22 AWG BC conductors, Flamarrest® insulation, black/red twisted pair shielded w/Beldfoil® tape (alum side facing in), drain wire, cabled with additional insul conductor(s) as indicated, Flamarrest® jkt with ripcord. Seq footage marking every two feet.

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

| # Conductors | # Pairs | AWG | Stranding | Conductor Material |
|--------------|---------|-----|-----------|--------------------|
| 2 | 1 | 22 | 7 | BC - Bare Copper |

Insulation**Insulation Material:**

| Insulation Trade Name | Insulation Material | Wall Thickness (in.) |
|-----------------------|---------------------------------------|----------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | 0.009 |

Inner Shield**Inner Shield Material:**

| Inner Shield Trade Name | Type | Inner Shield Material | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 1000 |

Inner Shield Drain Wire AWG:

| AWG |
|-----|
| 24 |

Inner Shield Drain Wire Stranding: 7

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Shield**Outer Shield Material:**

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket**Outer Jacket Material:**

| Outer Jacket Trade Name | Outer Jacket Material | Nom. Wall Thickness (in.) |
|-------------------------|---------------------------------------|---------------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | .015 |

Outer Jacket Ripcord: Yes

Overall Cable**Overall Cabling Color Code Chart:**

| Color |
|-------------------------------|
| Black and Red (shielded pair) |
| White |
| Green |

Overall Nominal Diameter: 0.180 in.

Pair**Pair Lay Length & Direction:**

| Lay Length (in.) | Twists/ft. (twist/ft) |
|------------------|-----------------------|
| 1.500 | 8.000 |

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Mechanical Characteristics (Overall)

| | |
|--|---------------------|
| Non-UL Temperature Rating: | 75°C |
| Bulk Cable Weight: | 19.300 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 42 lbs. |
| Min. Bend Radius (Install)/Minor Axis: | 1.800 in. |

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

| | |
|---------------------------------------|------------|
| NEC/(UL) Specification: | CMP |
| CEC/C(UL) Specification: | CMP |
| 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): | 04/01/2005 |
| 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 |

Flame Test

| | |
|-------------------|----------|
| UL Flame Test: | NFPA 262 |
| C(UL) Flame Test: | FT6 |

Plenum/Non-Plenum

| | |
|--------------------|--------|
| Plenum (Y/N): | Yes |
| Non-Plenum Number: | 5502GE |

Electrical Characteristics (Overall)**Nom. Inductance:**

Inductance (μH/ft)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage

Max. Recommended Current:

Current

Related Documents:

No related documents are available for this product

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Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-----------------|----------|-------------|---------|-------|--------------------------------|
| 6502GE 008U1000 | 1,000 FT | 21.000 LB | GRAY | | 1 FSPR + 2 CDR #22 FLRST FLRST |
| 6502GE 009U1000 | 1,000 FT | 21.000 LB | WHITE | | 1 FSPR + 2 CDR #22 FLRST FLRST |
| 6502GE 010U1000 | 1,000 FT | 21.000 LB | BLACK | | 1 FSPR + 2 CDR #22 FLRST FLRST |
| 6502GE 877U1000 | 1,000 FT | 21.000 LB | NATURAL | | 1FSPR+2CDR#22 FLRSTFLRST |
| 6502GE 8771000 | 1,000 FT | 21.000 LB | NATURAL | C | 1FSPR+2CDR#22 FLRSTFLRST |

Notes:

C = CRATE REEL PUT-UP.

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