

8444 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1



General Description:

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 4 | 22 | 7x30 | TC - Tinned Copper |

Total Number of Conductors: 4

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | 0.011 |

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .032 |

Overall Cable

Overall Cabling Lay Length & Direction:

| Length (in.) | Direction | Twists (twist/ft) |
|--------------|-----------|-------------------|
| 2.750 | Left Hand | 4.400 |

Overall Cabling Color Code Chart:

| Color |
|-------|
| Black |
| White |
| Red |
| Green |

Overall Nominal Diameter: 0.185 in.

Mechanical Characteristics (Overall)

| | |
|-----------------------------------|--------------------------|
| Operating Temperature Range: | -20°C To +80°C |
| UL Temperature Rating: | 80°C (UL AWM Style 2576) |
| Bulk Cable Weight: | 21 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 35 lbs. |
| Min. Bend Radius/Minor Axis: | 2 in. |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG

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| | |
|---------------------------------------|----------------------------|
| NEC Articles: | 800 |
| CEC/C(UL) Specification: | CMG |
| AWM Specification: | UL Style 2576 (150 V 80°C) |
| CSA Specification: | FT4 |
| 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): | 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: | UL1685 FT4 Loading |
| CSA Flame Test: | FT4 |

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Plenum/Non-Plenum

| | |
|----------------|--------------|
| Plenum (Y/N): | No |
| Plenum Number: | 88444, 82444 |

Electrical Characteristics (Overall)

Nom. Inductance:

| Inductance (µH/ft) |
|--------------------|
| .17 |

Nom. Capacitance Conductor to Conductor:

| Capacitance (pF/ft) |
|---------------------|
| 34 |

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 15.6 |

Max. Operating Voltage - UL:

| Voltage | Description |
|----------|-------------|
| 300V RMS | UL type CMG |
| 150V RMS | UL AWM 2576 |

Max. Recommended Current:

| Description | Current |
|----------------------|---------------------------------------|
| 10C Temperature Rise | 2.4 Amps per conductor @ 25°C ambient |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|--------|-------|---------------|
| 8444 060U1000 | 1,000 FT | 22.000 LB | CHROME | | 4 #22 PVC PVC |
| 8444 060U500 | 500 FT | 11.500 LB | CHROME | | 4 #22 PVC PVC |
| 8444 060100 | 100 FT | 2.800 LB | CHROME | | 4 #22 PVC PVC |
| 8444 0601000 | 1,000 FT | 23.000 LB | CHROME | C | 4 #22 PVC PVC |
| 8444 060500 | 500 FT | 11.000 LB | CHROME | | 4 #22 PVC PVC |
| 8444 0605000 | 5,000 FT | 110.000 LB | CHROME | | 4 #22 PVC PVC |

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Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-06-2013

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