

## 88444 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1

**Description:**

22 AWG stranded (7x30) TC conductors, conductors cabled, FEP insulation, FEP jacket.

**Physical Characteristics (Overall)****Conductor**

AWG:

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

**Insulation**

Insulation Material:

| Insulation Material                  | Wall Thickness (mm) |
|--------------------------------------|---------------------|
| FEP - Fluorinated Ethylene Propylene | 0.1524              |

**Outer Shield**

Outer Shield Material:

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

**Outer Jacket**

Outer Jacket Material:

| Outer Jacket Material                | Nom. Wall Thickness (mm) |
|--------------------------------------|--------------------------|
| FEP - Fluorinated Ethylene Propylene | 0.254                    |

**Overall Cabling**

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1      | Black |
| 2      | White |
| 3      | Red   |
| 4      | Green |

Overall Nominal Diameter: 3.073 mm

**Mechanical Characteristics (Overall)**

|                                        |                 |
|----------------------------------------|-----------------|
| Operating Temperature Range:           | -70°C To +200°C |
| Bulk Cable Weight:                     | 21.728 Kg/Km    |
| Max. Recommended Pulling Tension:      | 160.135 N       |
| Min. Bend Radius (Install)/Minor Axis: | 38.100 mm       |

**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 |

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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 &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

**Flame Test**

UL Flame Test: NFPA 262

C(UL) Flame Test: FT6

**Suitability**

Suitability - Outdoor: Yes

Suitability - Burial: Yes

**Plenum/Non-Plenum**

Plenum (Y/N): Yes

Non-Plenum Number: 8444

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

Inductance (μH/m)

0.49215

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)

59.058

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)

49.215

**Nominal Conductor Loop Resistance:**

Resistance @ 20°C (Ohm/km)

98.43

**Max. Operating Voltage - UL:**

Voltage

300 V RMS

**Max. Recommended Current:**

Current

3.3 Amps per conductor @ 25°C (10°C rise in temp)

**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

| Item #        | Putup  | Ship Weight | Color | Notes | Item Desc    |
|---------------|--------|-------------|-------|-------|--------------|
| 88444 002100  | 30 MT  | 1.315 KG    | RED   | C     | 4#22 FEP FEP |
| 88444 0021000 | 305 MT | 6.804 KG    | RED   | C     | 4#22 FEP FEP |
| 88444 002500  | 152 MT | 4.082 KG    | RED   | C     | 4#22 FEP FEP |

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 09-18-2008

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#### Как с нами связаться

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