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1-800-Belden1



Description:

20 AWG stranded (7x28) tinned copper conductors, PVC insulation, twisted pair, tinned copper spiral wrapped shield (89% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1 | 20 | 7x28 | TC - Tinned Copper |

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|--------------------------|---------------------|
| PVC - Polyvinyl Chloride | 0.4064 |

Outer Shield

Outer Shield Material:

| Type | Outer Shield Material | Coverage (%) |
|--------------|-----------------------|--------------|
| Spiral Serve | TC - Tinned Copper | 89 |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.635 |

Overall Cabling

Overall Nominal Diameter: 5.055 mm

Pair

Pair Color Code Chart:

| Number | Color |
|--------|-------------|
| 1 | Black & Red |

Pair Lay Length & Direction:

| Lay Length (mm) | Twists/ft. (twist/m) |
|-----------------|----------------------|
| 36.575856 | 27.232 |

Mechanical Characteristics (Overall)

| | |
|--|--------------------------|
| Operating Temperature Range: | -20°C To +80°C |
| UL Temperature Rating: | 80°C (UL AWM Style 2095) |
| Bulk Cable Weight: | 34.229 Kg/Km |
| Max. Recommended Pulling Tension: | 111.205 N |
| Min. Bend Radius (Install)/Minor Axis: | 50.800 mm |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|--------------------------|-----|
| NEC/(UL) Specification: | CMG |
| CEC/C(UL) Specification: | CMG |

AWM Specification: UL Style 2095 (300 V 80°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): 10/01/2005

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

C(UL) Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

43

Nom. Inductance:

Inductance (µH/m)

0.55777

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

154.207

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

259.199

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

32.81

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

3.9 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|--------|-------------|--------|-------|-----------------------|
| 8759 060U1000 | 305 MT | 10.886 KG | CHROME | | 1 PR #20 PVC SHLD PVC |
| 8759 060U500 | 152 MT | 5.670 KG | CHROME | | 2 #20 PVC SHLD PVC |
| 8759 0601000 | 305 MT | 11.340 KG | CHROME | C | 1 PR#20 PVC SHLD PVC |

Notes:

C = CRATE REEL PUT-UP.

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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор аналогов;
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- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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