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1-800-Belden1



Description:

16 AWG stranded (19x29) TC conductors, polyethylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), 18 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1 | 16 | 19x29 | TC - Tinned Copper |

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|---------------------|---------------------|
| PE - Polyethylene | 0.8128 |

Outer Shield

Outer Shield Material:

| Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) |
|-------------------------|------|--|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape w/Shorting Fold | 100 |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire | Conductor Material |
|-----|-----------|--------------------|--------------------|
| 18 | Stranded | TC - Tinned Copper | |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.8128 |

Overall Cabling

Overall Nominal Diameter: 7.950 mm

Pair

Pair Color Code Chart:

| Number | Color |
|--------|---------------|
| 1 | Black & Clear |

Pair Lay Length & Direction:

| Lay Length (mm) | Twists/ft. (twist/m) |
|-----------------|----------------------|
| 69.849725 | 14.436 |

Mechanical Characteristics (Overall)

| | |
|--|---------------------------|
| Operating Temperature Range: | -20°C To +80°C |
| UL Temperature Rating: | 80°C (UL AWM Style 20253) |
| Bulk Cable Weight: | 65.481 Kg/Km |
| Max. Recommended Pulling Tension: | 453.716 N |
| Min. Bend Radius (Install)/Minor Axis: | 76.200 mm |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|-----------------------------|
| CEC/C(UL) Specification: | CM |
| AWM Specification: | UL Style 20253 (600 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): | 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 |

Flame Test

| | |
|----------------|-------------------|
| UL Flame Test: | UL1685 UL Loading |
|----------------|-------------------|

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

| |
|-----------------|
| Impedance (Ohm) |
| 65 |

Nom. Inductance:

| |
|-------------------|
| Inductance (µH/m) |
| 0.6562 |

Nom. Capacitance Conductor to Conductor:

| |
|--------------------|
| Capacitance (pF/m) |
| 75.463 |

Nom. Capacitance Cond. to Other Conductor & Shield:

| |
|--------------------|
| Capacitance (pF/m) |
| 144.364 |

Nom. Conductor DC Resistance:

| |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 14.7645 |

Max. Operating Voltage - UL:

| |
|---|
| Voltage |
| 600 V RMS (UL AWM Style 20253); 150 V RMS |

Max. Recommended Current:

| |
|-----------------------------|
| Current |
| 7 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 |
|---------------|----------|-------------|--------|-------|-------------------|
| 8719 060U1000 | 305 MT | 20.865 KG | CHROME | | 2 #16 LDPE FS PVC |
| 8719 060U500 | 152 MT | 10.886 KG | CHROME | | 2 #16 LDPE FS PVC |
| 8719 0601000 | 305 MT | 22.226 KG | CHROME | C | 2 #16 LDPE FS PVC |
| 8719 06010000 | 3,048 MT | 195.046 KG | CHROME | C Y | 2 #16 LDPE FS PVC |

METRIC MEASUREMENT VERSION

8719 Multi-Conductor - Single-Pair Cable

| | | | | | |
|--------------|----------|------------|--------|---|-------------------|
| 8719 0602000 | 610 MT | 43.545 KG | CHROME | C | 2 #16 LDPE FS PVC |
| 8719 060500 | 152 MT | 11.567 KG | CHROME | C | 2 #16 LDPE FS PVC |
| 8719 0605000 | 1,524 MT | 111.131 KG | CHROME | C | 2 #16 LDPE FS PVC |

Notes:

C = CRATE REEL PUT-UP.

Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN.MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

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- Техническая поддержка проекта;
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Как с нами связаться

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