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please call

1-800-Belden1



General Description:

16 AWG pairs stranded (7x24) tinned copper conductors, individual Beldfoil® plus a polyester isolation tape, overall Beldfoil shield (100% coverage), PVC insulation, PVC inner jacket, interlocked armor, PVC outer jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 2 | 16 | 7x24 | TC - Tinned Copper |

Total Number of Conductors: 4

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|--------------------------|---------------------|
| PVC - Polyvinyl Chloride | 0.635 |

Inner Shield

Inner Shield Material:

| Inner Shield Trade Name | Type | Inner Shield Material | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100.000 |

Inner Shield Drain Wire AWG:

| AWG | Stranding | Dia. (mm) |
|-----|-----------|-----------|
| 18 | 7x26 | 0.000 |

Inner Jacket

Inner Jacket Material:

| Inner Jacket Material | Nom Wall (mm) | Nom. Dia. (mm) |
|--------------------------|---------------|----------------|
| PVC - Polyvinyl Chloride | 1.194 | 13.005 |

Outer Shield

Outer Shield Material:

| Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100.000 |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 16 | 7x24 | TC - Tinned Copper |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material |
|--------------------------|
| PVC - Polyvinyl Chloride |

Outer Jacket Ripcord: Yes

Outer Jacket over Armor (y/n): Y

Armor

Armor Type: Interlocked Armor

Armor Material: Aluminum

Diameter over Armor: .737

Overall Cable

Overall Nominal Diameter: 21.361 mm

Mechanical Characteristics (Overall)

Installation Temperature Range: -25°C To +105°C

Wet Temperature Range: -40°C To +75°C

Dry Temperature Range: -40°C To +105°C

23527 Multi-Conductor - 300V ACIC Armored Cable

| | |
|-----------------------------------|---------------|
| Bulk Cable Weight: | 416.696 Kg/Km |
| Max. Recommended Pulling Tension: | 889.640 N |
| Min. Bend Radius/Minor Axis: | 256.540 mm |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|---|
| CSA Specification: | C22.2 #239 Type ACIC, C22.2 #174 HL BCD |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2006 |
| EU Directive 2002/96/EC (WEEE): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MIL Order #39 (China RoHS): | Yes |

Flame Test

| | |
|-------------------|-----|
| C(UL) Flame Test: | FT4 |
|-------------------|-----|

Suitability

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

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

| |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 13.780 |

Nominal Outer Shield DC Resistance:

| |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 13.124 |

Max. Operating Voltage - Non-UL:

| Voltage | Description |
|-----------|-------------|
| 300 V RMS | CEC ACIC |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

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