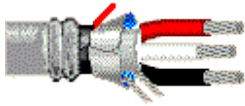


For more Information
please call

1-800-Belden1



General Description:

18 AWG triads stranded (7x26) tinned copper conductors, individual Beldfoil plus a polyester isolation tape, PVC insulation, PVC inner jacket, overall Beldfoil shield (100% coverage), drain wires, interlocked armor, PVC outer jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Triads | AWG | Stranding | Conductor Material |
|----------|-----|-----------|--------------------|
| 1 | 18 | 7x26 | TC - Tinned Copper |

Total Number of Conductors: 3

Insulation

Insulation Material:

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

Inner Shield

Inner Shield Color Code Chart:

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

Inner Jacket

Inner Jacket Material:

| Inner Jacket Material | Nom. Dia. (mm) |
|--------------------------|----------------|
| PVC - Polyvinyl Chloride | 8.382 |

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 20 | 7x28 | 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 Material: Aluminum

Diameter over Armor: .51

Overall Cable

Overall Nominal Diameter: 15.494 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 |
| Non-UL Temperature Rating: | 105°C |
| Bulk Cable Weight: | 260.435 Kg/Km |
| Max. Recommended Pulling Tension: | 355.856 N |
| Min. Bend Radius/Minor Axis: | 185.420 mm |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|--|
| CSA Specification: | C22.2#239, Type ACIC, C22.2#174, HLBCD, C22.2#0.3, Clause 4.31 Low Acid Test |
| 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 |
| MII 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) |
|---------------------|
| 22.3108 |

Nominal Outer Shield DC Resistance:

| DCR @ 20°C (Ohm/km) |
|---------------------|
| 32.81 |

Max. Operating Voltage - Other:

| Voltage | Description |
|---------|-------------|
| 300 | CSA ACIC |

Put Ups and Colors:

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

Revision Number: 1 Revision Date: 05-14-2007

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23505 Triad - 300V ACIC Armored Cable

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