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please call

1-800-Belden1



## General Description:

18 AWG triads stranded (19x30) tinned copper conductors, twisted triads, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

## Physical Characteristics (Overall)

### Conductor

AWG:

| # Triads | AWG | Stranding | Conductor Material |
|----------|-----|-----------|--------------------|
| 1        | 18  | 19x30     | TC - Tinned Copper |

Total Number of Conductors: 3

### Insulation

Insulation Material:

| Insulation Material      | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | 0.017                |

Insulation Color Code Chart:

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

### 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  | 19x32     | TC - Tinned Copper |                    |

### Outer Jacket

Outer Jacket Material:

| Outer Jacket Material    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .037                      |

Outer Jacket Ripcord: Yes

### Overall Cable

Overall Nominal Diameter: 0.245 in.

## Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

Bulk Cable Weight: 39 lbs/1000 ft.

Max. Recommended Pulling Tension: 39 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG, ITC-ER, PLTC-ER

CEC/C(UL) Specification: CMG

AWM Specification: UL Style 2464 (300 V 80°C)

EU Directive 2011/65/EU (ROHS II): Yes

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): 04/01/2005

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**

|                  |                   |
|------------------|-------------------|
| UL Flame Test:   | UL1685 UL Loading |
| CSA Flame Test:  | FT4               |
| IEEE Flame Test: | 1202              |

**Suitability**

|                       |     |
|-----------------------|-----|
| Suitability - Burial: | Yes |
| Sunlight Resistance:  | Yes |

**Plenum/Non-Plenum**

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

**Surface Printing (Overall)**

**Electrical Characteristics (Overall)**

**Nom. Characteristic Impedance:**

|                        |
|------------------------|
| <b>Impedance (Ohm)</b> |
| 45                     |

**Nom. Inductance:**

|                           |
|---------------------------|
| <b>Inductance (µH/ft)</b> |
| .17                       |

**Nom. Capacitance Conductor to Conductor:**

|                            |
|----------------------------|
| <b>Capacitance (pF/ft)</b> |
| 54                         |

**Nom. Capacitance Cond. to Other Conductor & Shield:**

|                            |
|----------------------------|
| <b>Capacitance (pF/ft)</b> |
| 101                        |

**Nom. Conductor DC Resistance:**

|                                 |
|---------------------------------|
| <b>DCR @ 20°C (Ohm/1000 ft)</b> |
| 5.860                           |

**Nominal Outer Shield DC Resistance:**

|                                 |
|---------------------------------|
| <b>DCR @ 20°C (Ohm/1000 ft)</b> |
| 9.500                           |

**Max. Operating Voltage - UL:**

| Voltage   | Description |
|-----------|-------------|
| 300 V RMS | PLTC, CMG   |
| 150 V RMS | ITC         |

**Put Ups and Colors:**

| Item #        | Putup    | Ship Weight | Color  | Notes | Item Desc        |
|---------------|----------|-------------|--------|-------|------------------|
| 9365 060U1000 | 1,000 FT | 41.000 LB   | CHROME |       | 3 #18 PVC FS PVC |
| 9365 060U500  | 500 FT   | 21.500 LB   | CHROME |       | 3 #18 PVC FS PVC |
| 9365 0601000  | 1,000 FT | 41.000 LB   | CHROME | C     | 3 #18 PVC FS PVC |
| 9365 0602500  | 2,500 FT | 105.000 LB  | CHROME | Z     | 3 #18 PVC FS PVC |
| 9365 0605000  | 5,000 FT | 215.000 LB  | CHROME | C     | 3 #18 PVC FS PVC |

**Notes:**

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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