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please call

1-800-Belden1



### General Description:

18 AWG pairs stranded (7x26) bare copper conductors, twisted pairs, PVC/Nylon insulation, overall Beldfoil shield (100% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 4       | 18  | 7x26      | BC - Bare Copper   |

Total Number of Conductors: 8

#### Insulation

Insulation Material:

| Insulation Material                  |
|--------------------------------------|
| PVC/Nylon - Polyvinyl Chloride/Nylon |

#### 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    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | 0.047                     |

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 0.470 in.

#### Pair

Pair Color Code Chart:

| Number | Color                    |
|--------|--------------------------|
| 1      | Black & White Numbered 1 |
| 2      | Black & White Numbered 2 |
| 3      | Black & White Numbered 3 |
| 4      | Black & White Numbered 4 |

### Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 106 lbs/1000 ft.

Max. Recommended Pulling Tension: 202 lbs.

Min. Bend Radius/Minor Axis: 4.700 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: NPLF, TC-ER

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                     |
| MII Order #39 (China RoHS):           | Yes                     |
| Other Specification:                  | ICEA S-73-532, S-61-402 |

**Flame Test**

|                   |                   |
|-------------------|-------------------|
| UL Flame Test:    | UL1685 UL Loading |
| C(UL) Flame Test: | FT4               |
| IEEE Flame Test:  | 1202              |

**Suitability**

|                       |     |
|-----------------------|-----|
| Suitability - Aerial: | Yes |
| Suitability - Burial: | Yes |

**Plenum/Non-Plenum**

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

**Electrical Characteristics (Overall)**

**Nom. Conductor DC Resistance:**

**DCR @ 20°C (Ohm/1000 ft)**

5.86

**Nominal Outer Shield DC Resistance:**

**DCR @ 20°C (Ohm/1000 ft)**

4.83

**Max. Operating Voltage - UL:**

**Voltage**

600 V RMS (NEC Type TC)

150 V RMS (NPLF)

**Notes (Overall)**

**Notes:** Alternate color coding available upon request.

**Put Ups and Colors:**

| Item #        | Putup    | Ship Weight | Color | Notes | Item Desc               |
|---------------|----------|-------------|-------|-------|-------------------------|
| 1064A 0107500 | 7,500 FT | 892.500 LB  | BLACK | C Z   | 4 PR #18 PVC/NYL 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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