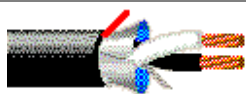


**1032A Multi-Conductor - 300V Power-Limited Tray Cable**



For more Information  
please call  
  
1-800-Belden1



**Description**

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

**Physical Characteristics (Overall):**

**Conductor:**

AWG

| # Pairs | AWG | Stranding | Conductor Material | Dia. (in.) |
|---------|-----|-----------|--------------------|------------|
| 1.000   | 18  | 7x26      | BC - Bare Copper   | 0.047      |

**Insulation:**

Insulation Material

| Insulation Material      |
|--------------------------|
| PVC - Polyvinyl Chloride |

**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 | 0.037                     |

Outer Jacket Ripcord

Yes

**Overall Cabling:**

Overall Nominal Diameter:

0.233 in.

**Pair:**

Pair Color Code Chart

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

Pair Lay Length & Direction

| Lay Length (in.) | Twists/ft. (twist/ft) |
|------------------|-----------------------|
| 2.000            | 6.000                 |

**Mechanical Characteristics (Overall):**

|  |                     |
|--|---------------------|
| Operating Temperature Range            | -30°C To +105°C     |
| Bulk Cable Weight:                     | 32.500 lbs/1000 ft. |
| Max. Recommended Pulling Tension:      | 67.200 lbs.         |
| Min. Bend Radius (Install)/Minor Axis: | 2.300 in.           |

**Applicable Specifications and Agency Compliance (Overall):**

**Applicable Standards:**

**1032A Multi-Conductor - 300V Power-Limited Tray Cable**

|                                      |            |
|--------------------------------------|------------|
| CEC/C(UL) Specification              | CMG        |
| EU CE Mark (Y/N)                     | Yes        |
| EU RoHS Compliant (Y/N)              | Yes        |
| EU RoHS Compliance Date (mm/dd/yyyy) | 04/01/2005 |

**Flame Test:**

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

**Suitability:**

|                      |     |
|----------------------|-----|
| Suitability - Burial | No  |
| Sunlight Resistance  | Yes |

**Plenum/Non-Plenum:**

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

**Electrical Characteristics (Overall):**

Nom. Inductance

|                           |
|---------------------------|
| <b>Inductance (μH/ft)</b> |
| 0.190                     |

Nom. Capacitance Conductor to Conductor

|                            |
|----------------------------|
| <b>Capacitance (pF/ft)</b> |
| 51.000                     |

Nom. Capacitance Cond. to Other Conductor & Shield

|                            |
|----------------------------|
| <b>Capacitance (pF/ft)</b> |
| 95.000                     |

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> |
| 5.070                           |

Max. Operating Voltage - UL

|                |
|----------------|
| <b>Voltage</b> |
| 300 V RMS      |

Max. Recommended Current

|                             |
|-----------------------------|
| <b>Current</b>              |
| 8 Amps per conductor @ 25°C |

**Notes (Overall):**

Notes      Alternate color coding available upon request.

**PUT UPS AND COLORS:**

| Item #         | Putup     | Ship Weight | Color       | Notes | Item Desc              |
|----------------|-----------|-------------|-------------|-------|------------------------|
| 1032A 0061000  | 1,000 FT  | 34.000 LB   | BLUE, LIGHT | C     | 2 #18 PVC FS PVC BLULT |
| 1032A 00610000 | 10,000 FT | 340.000 LB  | BLUE, LIGHT | C     | 2 #18 PVC FS PVC BLULT |
| 1032A 0101000  | 1,000 FT  | 38.000 LB   | BLACK       | C     | 2 #18 PVC FS PVC BLK   |
| 1032A 01010000 | 10,000 FT | 380.000 LB  | BLACK       | C Z   | 2 #18 PVC FS PVC BLK   |
| 1032A 0102500  | 2,500 FT  | 92.500 LB   | BLACK       |       | 2 #18 PVC FS PVC BLK   |
| 1032A 010S1000 | 1,000 FT  | 38.000 LB   | BLACK       |       | 2 #18 PVC FS PVC BLK   |

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**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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