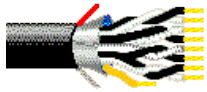


## 1056A Multi-Conductor - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1



### General Description:

20 AWG pairs stranded (7x28) bare copper conductors, twisted pairs, PVC insulation, overall Beldfoil shield (100% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

| # Conductors | # Pairs | AWG | Stranding | Conductor Material |
|--------------|---------|-----|-----------|--------------------|
|              | 4       | 20  | 7x28      | BC - Bare Copper   |
| 1            |         | 22  | 7x30      | BC - Bare Copper   |

Total Number of Conductors: 9

#### 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 | 0.042                     |

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 0.373 in.

#### Pair

Pair Color Code Chart:

| Number             | Color                        |
|--------------------|------------------------------|
| 1                  | Black & White and Numbered 1 |
| 2                  | Black & White and Numbered 2 |
| 3                  | Black & White and Numbered 3 |
| 4                  | Black & White and Numbered 4 |
| Communication Wire | Orange                       |

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 86 lbs/1000 ft.

Max. Recommended Pulling Tension: 135 lbs.

Min. Bend Radius/Minor Axis: 3.800 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

CEC/C(UL) Specification: CMG

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

EU CE Mark: Yes

## 1056A Multi-Conductor - 300V Power-Limited Tray Cable

|                                       |            |
|---------------------------------------|------------|
| 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        |

### Flame Test

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

### Suitability

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

### Plenum/Non-Plenum

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

## Surface Printing (Overall)

## Electrical Characteristics (Overall)

### Nom. Inductance:

|                    |
|--------------------|
| Inductance (µH/ft) |
| .19                |

### Nom. Capacitance Conductor to Shield:

|                     |
|---------------------|
| Capacitance (pF/ft) |
| 55                  |

### Nom. Capacitance Conductor to Conductor:

|                     |
|---------------------|
| Capacitance (pF/ft) |
| 30                  |

### Nom. Conductor DC Resistance:

|                          |
|--------------------------|
| DCR @ 20°C (Ohm/1000 ft) |
| 9.5                      |

### Nominal Outer Shield DC Resistance:

|                          |
|--------------------------|
| DCR @ 20°C (Ohm/1000 ft) |
| 11                       |

### Max. Operating Voltage - UL:

|                  |
|------------------|
| Voltage          |
| 300 V RMS (PLTC) |
| CMG)             |
| 150 V RMS (ITC)  |

## Put Ups and Colors:

| Item #         | Putup     | Ship Weight | Color | Notes | Item Desc                   |
|----------------|-----------|-------------|-------|-------|-----------------------------|
| 1056A 01010000 | 10,000 FT | 860.000 LB  | BLACK | C Z   | 4 PR #20 + 1 #22 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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## **1056A Multi-Conductor - 300V Power-Limited Tray Cable**

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.