

## 601765 Multi-Conductor - Spec 50-2 Loop Detector Wire



For more Information  
please call

1-800-Belden1



### General Description:

14 AWG stranded (19x27) tinned copper conductors, LDPE insulation, aluminum foil-polyester tape shield, LDPE jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2            | 14  | 19x27     | TC - Tinned Copper |

Total Number of Conductors: 2

#### Ground Wire

Ground Wire (Y/N): N

#### Insulation

##### Insulation Material:

| Insulation Material             | Wall Thickness (in.) |
|---------------------------------|----------------------|
| LDPE - Low Density Polyethylene | .030                 |

#### Outer Shield

##### Outer Shield Material:

| Type | Outer Shield Material        | Coverage (%) |
|------|------------------------------|--------------|
| Tape | Aluminum Foil-Polyester Tape | 100          |

##### Outer Shield Drain Wire AWG:

| AWG Stranding | Drain Wire | Conductor Material |
|---------------|------------|--------------------|
| 16            | 19x29      | TC - Tinned Copper |

#### Outer Jacket

##### Outer Jacket Material:

| Outer Jacket Material           | Nom. Wall Thickness (in.) |
|---------------------------------|---------------------------|
| LDPE - Low Density Polyethylene | .030                      |

#### Overall Cable

##### Overall Cabling Color Code Chart:

| Number | Color   |
|--------|---------|
| 1      | Black   |
| 2      | Natural |

Overall Nominal Diameter: 0.330 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C

Bulk Cable Weight: 50 lbs/1000 ft.

Max. Recommended Pulling Tension: 95 lbs.

Min. Bend Radius/Minor Axis: 3.300 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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|                                       |            |
|---------------------------------------|------------|
| 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): | 01/01/2004 |
| 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        |
| IMSA Specification:                   | 50-2       |

### Suitability

|                        |     |
|------------------------|-----|
| Suitability - Outdoor: | Yes |
| Suitability - Burial:  | Yes |

### Plenum/Non-Plenum

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

## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.7

## Put Ups and Colors:

| Item #         | Putup    | Ship Weight | Color | Notes | Item Desc                    |
|----------------|----------|-------------|-------|-------|------------------------------|
| 601765 0102500 | 2,500 FT | 147.500 LB  | BLACK |       | 2C14 PE OS PE 600V IMSA 50-2 |
| 601765 0105000 | 5,000 FT | 290.000 LB  | BLACK | C     | 2C14 PE OS PE 600V IMSA 50-2 |

### Notes:

C = CRATE REEL PUT-UP.

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