

## 27007 Multi-Conductor - 600V Type TC/CIC Cable



For more Information  
please call

1-800-Belden1



### Description:

14 AWG stranded (7x22) bare copper conductors, separator tape, 14 AWG bare copper ground wire, cross-linked polyethylene insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 9            | 14  | 7x22      | BC - Bare Copper   |

#### Ground Wire

|                                 |                  |
|---------------------------------|------------------|
| Ground Wire (Y/N):              | Y                |
| Ground Wire AWG:                | 14               |
| Ground Wire Stranding:          | 7x22             |
| Ground Wire Conductor Material: | BC - Bare Copper |

#### Insulation

##### Insulation Material:

| Insulation Material              |
|----------------------------------|
| XLPE - Cross Linked Polyethylene |

#### Outer Shield

##### Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded            |

#### Outer Jacket

##### Outer Jacket Material:

| Outer Jacket Material    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .060                      |

|                       |     |
|-----------------------|-----|
| Outer Jacket Ripcord: | Yes |
|-----------------------|-----|

#### Overall Cable

|                                     |            |
|-------------------------------------|------------|
| Overall Cabling Separator Material: | Fiberglass |
| Overall Nominal Diameter:           | 0.630 in.  |

### Mechanical Characteristics (Overall)

|  |                  |
|--|------------------|
| Installation Temperature Range:        | -25°C To +90°C   |
| Operating Temperature Range:           | -40°C To +90°C   |
| Non-UL Temperature Rating:             | 90°C             |
| Bulk Cable Weight:                     | 276 lbs/1000 ft. |
| Min. Bend Radius (Install)/Minor Axis: | 6.300 in.        |

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

|                    |                                       |
|--------------------|---------------------------------------|
| CSA Specification: | C22.2#230 Type TC, C22.2#131 Type CIC |
|--------------------|---------------------------------------|

## 27007 Multi-Conductor - 600V Type TC/CIC Cable

|                                       |            |
|---------------------------------------|------------|
| EU Directive 2000/53/EC (ELV):        | Yes        |
| EU Directive 2002/95/EC (RoHS):       | Yes        |
| EU RoHS Compliance Date (mm/dd/yyyy): | 10/13/2005 |
| 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

|                 |     |
|-----------------|-----|
| CSA Flame Test: | FT4 |
|-----------------|-----|

### Suitability

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

### Plenum/Non-Plenum

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

## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.6

### Max. Operating Voltage - Non-UL:

Voltage Description

|     |        |
|-----|--------|
| 600 | CSA TC |
|-----|--------|

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

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