

## 27008 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
10	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:	328 lbs/1000 ft.
Max. Recommended Pulling Tension:	328 lbs.
Min. Bend Radius (Install)/Minor Axis:	6.300 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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<b>CSA Specification:</b>	C22.2#230 Type TC, C22.2#131 Type CIC
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	10/13/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

### Flame Test

<b>CSA Flame Test:</b>	FT4
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### Suitability

<b>Suitability - Indoor:</b>	Yes
<b>Suitability - Outdoor:</b>	Yes
<b>Sunlight Resistance:</b>	Yes

### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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## 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

### Max. Recommended Current:

Current
7.5 Amps per conductor @ 25°C

## 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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