

## 27002 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
4	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	.045

Outer Jacket Ripcord:	Yes
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**Overall Cable**

Overall Cabling Separator Material:	Fiberglass
Overall Nominal Diameter:	0.420 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:	151 lbs/1000 ft.
Max. Recommended Pulling Tension:	216 lbs.
Min. Bend Radius (Install)/Minor Axis:	4.200 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

## 27002 Multi-Conductor - 600V Type TC/CIC Cable

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

CSA Flame Test:	FT4
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## Suitability

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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Sunlight Resistance:	Yes
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Electrical Characteristics (Overall)

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
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2.6
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## Max. Operating Voltage - Non-UL:

Voltage Description
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600
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CSA TC
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## Max. Recommended Current:

Current
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26 Amps per conductor @ 25°C
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## 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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