

## 21568 Multi-Conductor - 600V Type TC/CIC Cable

For more Information  
please call

1-800-Belden1

**Description:**

12 AWG stranded (7x20) bare copper conductors, separator tape, 14 AWG bare copper ground wire, FR-XLPE insulation, FR-PVC jacket.

**Usage (Overall)**

**Suitable Applications:** Analog signal transmission; factory floor; cable trays

**Physical Characteristics (Overall)****Conductor**

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
20	12	7x20	BC - Bare Copper

**Ground Wire**

**Ground Wire (Y/N):** N

**Insulation**

**Insulation Material:**

Insulation Material
FR-XLPE - Cross Linked Polyethylene

**Outer Shield**

**Outer Shield Material:**

Outer Shield Material
Unshielded

**Outer Jacket**

**Outer Jacket Material:**

Outer Jacket Material
FR-PVC - Polyvinyl Chloride

**Outer Jacket Ripcord:** Yes

**Overall Cable**

**Overall Cabling Color Code Chart:**

Number	Color
1	Black and Numbered 1
2	Black and Numbered 2
3	Black and Numbered 3
4	Black and Numbered 4
5	Black and Numbered 5
6	Black and Numbered 6
7	Black and Numbered 7
8	Black and Numbered 8
9	Black and Numbered 9
10	Black and Numbered 10
11	Black and Numbered 11
12	Black and Numbered 12
13	Black and Numbered 13
14	Black and Numbered 14
15	Black and Numbered 15

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16	Black and Numbered 16
17	Black and Numbered 17
18	Black and Numbered 18
19	Black and Numbered 19
20	Black and Numbered 20

Overall Nominal Diameter: 0.960 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:	422 lbs/1000 ft.
Max. Recommended Pulling Tension:	1041 lbs.
Min. Bend Radius (Install)/Minor Axis:	7.800 in.

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

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	05/24/2006
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**

CSA Flame Test:	FT4
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**Suitability**

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

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)****Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

1.60

**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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Revision Number: 0    Revision Date: 03-17-2011

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