



**Part Number:** 21568

600V Type TC/CIC, (20) 12 AWG (7x20) BC+Grd, XLPE/PVC

## Product Description

Twenty 12 AWG stranded (7x20) bare copper conductors plus ground wire, cross-linked polyethylene insulation, PVC jacket.

## Product Specifications

## Technical Specifications

<b>Suitable Applications:</b>	Analog signal transmission; factory floor; cable trays
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## Construction and Dimensions

### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	12	7x20	BC - Bare Copper	20
Ground Wire				

### Insulation:

Material
FR-XLPE - Cross Linked Polyethylene

### Color Chart 1:

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
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

**Stranding:**

**Lay Length**

N mm

**Outersheild 1:**

**Material**

Unshielded

**Outerjacket 1:**

**Material**

FR PVC - Flame Retardant Polyvinyl Chloride

**Nominal Diameter**

0.96 in

**Ripcord**

Yes

**Electrical Characteristics**

**Conductor DCR:**

**Nominal Conductor DCR**

1.6 Ohm/1000ft

**Voltage:**

Non-UL Description	Non-UL Voltage Rating
CSA TC	600

## Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	1041 lbs

## Safety

CSA Flammability:	FT4
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## Temperature Range

Installation Temp Range:	-25°C To +90 °C
Non-UL Temp Rating:	90°C
Operating Temp Range:	-40°C To +90°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	7.8 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

## History

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