



**Part Number:** 21548

600V Type TC/ CIC, (50) 14 AWG (7x22) BC+Grd, XLPE/PVC

## Product Description

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

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	14	7x22	BC - Bare Copper	50
Ground Wire				

#### Insulation:

Material
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
21	Black and Numbered 21
22	Black and Numbered 22
23	Black and Numbered 23
24	Black and Numbered 24
25	Black and Numbered 25
26	Black and Numbered 26
27	Black and Numbered 27
28	Black and Numbered 28
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31	Black and Numbered 31
32	Black and Numbered 32
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34	Black and Numbered 34
35	Black and Numbered 35
36	Black and Numbered 36
37	Black and Numbered 37
38	Black and Numbered 38
39	Black and Numbered 39
40	Black and Numbered 40
41	Black and Numbered 41
42	Black and Numbered 42
43	Black and Numbered 43
44	Black and Numbered 44
45	Black and Numbered 45
46	Black and Numbered 46
47	Black and Numbered 47

48	Black and Numbered 48
49	Black and Numbered 49
50	Black and Numbered 50

### Stranding:

Lay Length
N mm

### Outersheild 1:

Material
Unshielded

### Outerjacket 1:

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	1.3 in	Yes

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
2.52 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:	2730 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:	13 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)
CSA AWM Specification:	CSA Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

## History

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