



**Part Number:** 21538

600V Type TC/CIC, (40) 14 AWG (7x22) BC+Grd, XLPE/PVC

## Product Description

Forty 14 AWG stranded (7x22) bare copper conductors plus 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	40
Ground Wire	14	7x22	BC - Bare Copper	

#### Insulation:

Material
XLPE - Cross Linked Polyethylene
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
29	Black and Numbered 29
30	Black and Numbered 30
31	Black and Numbered 31
32	Black and Numbered 32
33	Black and Numbered 33
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

## Stranding:

### Lay Length

Y mm

## Outersheild 1:

### Material

Unshielded

## Outerjacket 1:

### Material

PVC - Polyvinyl Chloride

### Nominal Diameter

1.16 in

### Ripcord

Yes

## Electrical Characteristics

## Conductor DCR:

### Nominal Conductor DCR

2.52 Ohm/1000ft

## Voltage:

### Non-UL Description

CSA TC

### Non-UL Voltage Rating

600

## Use

Suitability - Indoor:

Yes

Suitability - Outdoor:

Yes

Suitability - Sunlight Resistance:

Yes

Max Recommended Pulling Tension:

2184 lbs

## Safety

CSA Flammability:

FT4

## 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:

11.6 in

## 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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