



Product: [21506](#)



TC-CIC 600V, 8+G C #14 Str BC, XLPE Ins, Blk PVC Jkt, 90C Dry/Wet CSA
HL SUN RES DIR BUR

Product Description

CSA Tray TC-CIC 600V, 8+G Conductor 14AWG (7x22) Bare Copper, XLPE Insulation, Black PVC Outer Jacket, 90C Dry/Wet CSA HL SUN RES DIR BUR

Technical Specifications

Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	14	7x22	BC - Bare Copper	8
Ground	14	7x22	BC - Bare Copper	1

Conductor Count:	8
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Insulation

Material	Nominal Diameter
XLP, XLPO, XLPE (Thermoset)	0.132 in
XLP, XLPO, XLPE (Thermoset)	0.132 in

Color 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	Green Ground

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.622 in	0.073 in

Electrical Characteristics

Voltage

Non-UL Description	Non-UL Voltage Rating	Voltage Rating [V]
CSA TC/CIC	600 V	600 V RMS

Temperature Range

Installation Temperature Range:	-25°C TO +90°C
Operating Temperature Range:	-40°C To +90°C

Mechanical Characteristics

UV Resistance:	Yes
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Bulk Cable Weight:	245 lbs/1000ft
Max. Pull Tension:	315 lbs
Min. Bend Radius/Minor Axis:	2.49 in

Standards

CSA AWM Compliance:	C22.2#230 Type TC, C22.2#239 Type CIC
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Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes

Suitability

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

Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Put-Up Type
21506 0105000	Reel

History

Update and Revision:	Revision Number: 0.44 Revision Date: 02-03-2025
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