



Product: [21654](#)

TC-CIC 600V, 3+G C #6 Str BC, XLPE Ins, Blk PVC Jkt, 90C Dry/Wet CSA HL SUN RES DIR BUR

Product Description

CSA Tray TC-CIC 600V, 3+G Conductor 6AWG (7x14) Bare Copper, XLPE Insulation, Black PVC Outer Jacket, 90C Dry/Wet CSA HL SUN RES DIR BUR

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
6	7x14	BC - Bare Copper	3
8		BC - Bare Copper	1

Conductor Count: 3

Insulation

Material	Nominal Diameter
XLP, XLPO, XLPE (Thermoset)	0.270 in
XLP, XLPO, XLPE (Thermoset)	0.234 in

Color Chart

Number	Color
1	Black
2	Red
3	Blue
4	Green

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.798 in	0.073 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.64 Ohm/1000ft

Voltage

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

Temperature Range

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

Mechanical Characteristics

UV Resistance:	Yes
Bulk Cable Weight:	469 lbs/1000ft

Max. Pull Tension:	792 lbs
Min Bend Radius (Overall):	7.98 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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65:	Yes

Suitability

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

Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT4
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Putup Type
21654 0102500	Reel

History

Update and Revision:	Revision Number: 0.23 Revision Date: 04-28-2020
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