



Product: [21552S](#)

TC-CIC 600V, 4+G C #12 Str BC, XLPE Ins, OS, Blk PVC Jkt

Product Description

CSA Tray TC-CIC 600V, 4+G Conductor 12AWG (7x20) Bare Copper, XLPE Insulation, Overall Beldfoil® Shield, Black PVC Outer Jacket

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
12	7x20	BC - Bare Copper	4
14		BC - Bare Copper	1

Conductor Count: 4

Insulation

Material	Nominal Diameter
XLP, XLPO, XLPE (Thermoset)	0.150 in
XLP, XLPO, XLPE (Thermoset)	0.132 in

Color Chart

Number	Color
1	Black
2	Red
3	Blue
4	White
5	Green Ground

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	14

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.526 in	0.057 in

Electrical Characteristics

Voltage

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

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:	196 lbs/1000ft
Max. Pull Tension:	240 lbs
Min Bend Radius/Minor Axis:	5.26 in

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:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

Suitability

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

Flammability, LSOH, Toxicity Testing

CSA Flammability:	FT4
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Plenum/Non-Plenum

Plenum (Y/N):	No
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History

Update and Revision:	Revision Number: 0.25 Revision Date: 09-30-2020
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