



Product: [21468](#) 

TC- RW90 1000V, 2+G C #1/0 Str BC, XLPE Ins, Blk PVC Jkt, 90C Dry/Wet
CSA HL SUN RES DIR BUR

Product Description

CSA Tray TC- RW90 1000V, 2+G Conductor 1/0 AWG (19x12) Bare Copper, XLPE Insulation, Black PVC Outer Jacket, 90C Dry/Wet CSA HL SUN RES DIR BUR

Technical Specifications

Product Overview

Suitable Applications:	CEC Power and Control Applications
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	1/0	19x12.5	BC - Bare Copper
Ground Wire		6 AWG	7x14	BC - Bare Copper

Insulation

Element	Material	Color Code
	XLP, XLPO, XLPE (Thermoset)	Black, White
Ground Wire	XLP, XLPO, XLPE (Thermoset)	Green

Outer Shield

Material
No Shield

Outer Jacket

Material
PVC - Polyvinyl Chloride

Overall Cable Diameter (Nominal):	1.259 In
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR
Conductor(s)	0.10 Ohms/1000ft
Ground Wire	

Voltage

UL Voltage Rating	Voltage Rating
1000 V	1000 V (CSA TC)

Mechanical Characteristics

Temperature

UL Temperature	Operating
90°C Dry, 90°C Wet	Wet/Dry: -25°C to 90°C

Bulk Cable Weight:	723 lbs/1000ft (1080 kg/km)
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Standards and Compliance

Environmental Suitability:	Indoor/OutdoorDirect Burial, Indoor, Outdoor, Sunlight Resistance, UV Resistance, Burial
Flammability / Reaction to Fire:	FT4
AWM Compliance:	C22.2 #230 Type TC
CEC / C(UL) Compliance:	1000V Type RW90 TC, CSA TC
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.39 Revision Date: 02-18-2026
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