

Product: 21301

TC- RW90 1000V, 3+G C #14 Str BC, XLPE Ins, Blk PVC Jkt, 90C Dry/Wet CSA HL SUN RES DIR BUR

Product Description

CSA Tray TC- RW90 1000V, 3+G Conductor 14AWG (7x22) 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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	3	14	7x22	BC - Bare Copper
Ground	1	14	7x22	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
XLP, XLPO, XLPE (Thermoset)	0.030 in (0.76 mm)	0.135 in (3.43 mm)	Black, Red, Blue
XLP, XLPO, XLPE (Thermoset)		0.135 in (3.43 mm)	Green

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.057 in (1.4 mm)	0.51 in (13 mm)	Yes

Overall Cable Diameter (Nominal):	0.51 in (13 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Inductance Cond-Grnd	Max. Current
Conductor(s)	2.52 OHMS/1000 FT	12 µH/ft	40 Amps per Conductor at 30ºC
Ground Wire			

Voltage

Voltage Rating
1000 V (CSA TC)

Mechanical Characteristics

Temperature

Operating	Installation
Wet/Dry: -40°C to 90°C	-25°C To +90

Bulk Cable Weight:	142 lbs/1000 FT

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, UV Resistance, Burial
AWM Compliance:	C22.2#230 Type TC, C22.2#239 Type CIC

CEC / C(UL) Compliance:	1000V Type RW90 TC, TC, CIC
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.50 Revision Date: 10-07-2026

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