Belden



Product: 21629

TC-CIC 600V, 31 C #10 Str BC, XLPE Ins, Blk PVC Jkt, 90C Dry/Wet CSA HL SUN RES DIR BUR

Product Description

CSA Tray TC-CIC 600V, 31 Conductor 10AWG (7x18) 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)	31	10 AWG	7x18	BC - Bare Copper
Ground		12 AWG	7x18	BC - Bare Copper

Insulation

Element	Material	Color Code
Conductor(s)	XLP, XLPO, XLPE (Thermoset)	Black and Numbered
Ground	XLP, XLPO, XLPE (Thermoset)	Green

Outer Jacket

Material	Ripcord
PVC - Polyvinyl Chloride	Yes

Electrical Characteristics

Electricals

Element
Conductor(s)
Ground Wire

Voltage

Voltage Rating
600 V (CSA TC)

Mechanical Characteristics

Temperature

Operating
-40°C To +90°C

Standards and Compliance

Environmental Suitability:	Indoor/OutdoorDirect Burial, Indoor, Outdoor, Sunlight Resistance, UV Resistance
Flammability / Reaction to Fire:	FT4
AWM Compliance:	C22.2#230 Type TC, C22.2#239 Type CIC
CEC / C(UL) Compliance:	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: 0.5 Revision Date: 10-07-2026

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