

Product: 23548D

ACIC 300V, 8 Tri #20 Str TC, XLPE Ins E1, IS/OS, PVC Jkt, AIA Armor, PVC Jkt, 90C Wet 105C Dry CSA HLBCD SUN RES -40C

Product Description

Canadian Instrumentation Cable TC-ACIC 300V, 8 Triad 20AWG (7x28) Tinned Copper, XLPE Insulation E1 Color Code, Individual & Overall Beldfoil® Shield, PVC Inner Jacket, Aluminum Interlock Armor, PVC Outer Jacket, 90C Wet 105C Dry CSA HLBCD SUN RES -40C

Technical Specifications

Product Overview

Suitable Applications:	Industrial Control, Raceways Cable trays and ducts, Digital Control, Instruments (4-20ma, 0-10v, ...),low voltage digital control (24v, …), encoders, control circuits, distributed control system (DCS),programmable logic controller (PLC), Solenoids, Valves, Actuators, Positioners

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	24	20	7x28	TC - Tinned Copper

Insulation

Material
XLP, XLPO, XLPE (Thermoset)

Inner Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

Outer Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

Inner Jacket

Material
PVC - Polyvinyl Chloride

Armor

Armor Type & Material
AIA - Aluminum Interlock Armor

Outer Jacket

Material
PVC - Polyvinyl Chloride

Mechanical Characteristics

Bulk Cable Weight:	424 lbs/1000ft (631 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	FT4
AWM Compliance:	C22.2 #239 Type ACIC, C22.2 #174 HL BCD

CEC / C(UL) Compliance:	ACIC, HLABCD
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.58 Revision Date: 10-30-2026

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