



Product: [23534D](#) 

ACIC 300V, 2 Pr #20 Str TC, XLPE Ins E1, IS/OS, PVC Jkt, AIA Armor, PVC Jkt, 90C Wet 105C Dry CSA HLABCD SUN RES -40C

Product Description

Canadian Instrumentation Cable TC-ACIC 300V, 2 Pair 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 HLABCD 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
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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Pairs
Conductor(s)	20	7x28	TC - Tinned Copper	2

Conductor Count: 4

Insulation

Material
XLPE, XLPO, XLPE (Thermoset)

Inner Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	22

Inner Jacket

Material	Color
PVC - Polyvinyl Chloride	Black

Outer Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	20

Outer Jacket

Material
PVC - Polyvinyl Chloride

Construction and Dimensions

Armor

Type of Armor	Material
Interlocked	Aluminum

Mechanical Characteristics

Bulk Cable Weight:	202 Lbs/1000ft
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Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

History

Update and Revision:	Revision Number: 0.235 Revision Date: 05-04-2026
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