



Product: [23554D](#) 

ACIC 300V, 36 Pr #18 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, 36 Pair 18AWG (7x26) 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

Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Pairs
Conductor(s)	18	7x26	TC - Tinned Copper	36

Conductor Count: 72

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	20

Inner Jacket

Material
PVC - Polyvinyl Chloride

Outer Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	18

Outer Jacket

Material
PVC - Polyvinyl Chloride

Construction and Dimensions

Armor

Type of Armor	Material
Interlocked	Aluminum

Mechanical Characteristics

Bulk Cable Weight: 1577 lbs/1000ft

Standards

CEC/C(UL) Compliance: ACIC

Suitability

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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Suitability - Sunlight Resistance:	Yes
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Flammability, LSOH, Toxicity Testing

CSA/C(UL) Flammability:	FT4
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History

Update and Revision:	Revision Number: 0.55 Revision Date: 03-26-2026
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