Belden



Product: 24506D

ACIC 600V, 6 Pr #16 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 600V, 6 Pair 16AWG (7x24) 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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	6	16 AWG	7x24	TC - Tinned Copper

Insulation

Color Code
Black & White and Numbered

Inner Jacket

Color
Black

Armor

Armor Type & Material	Armor Thickness
AIA - Aluminum Interlock Armor	0.85 in (22 mm)

Electrical Characteristics

Voltage

Voltage Rating
600 V

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, UV Resistance
CEC / C(UL) Compliance:	ACIC, HLABCD
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.24 Revision Date: 10-07-2026

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