Belden



Product: 6060

Teck90 600V, 3+3+G C #6+14+8 Str BC, XLPE Ins, PVC Jkt, AIA Armor, Blk PVC Jkt, CSA HL SUN RES -40C

Product Description

Teck90 600V, 3+3+G Conductor 6+14+8AWG (7x14H+7x22H) Bare Copper, XLPE Insulation, PVC Inner Jacket, Aluminum Interlock Armor, Black PVC Outer Jacket, CSA HL SUN RES -40C

Technical Specifications

Product Overview

Suitable Applications:	CEC Power and Control Applications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor1	3	6 AWG	7x14	BC - Bare Copper
Conductor2	3	14 AWG	7x22	BC - Bare Copper
Ground	1	8 AWG	7x16	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor1	XLP, XLPO, XLPE (Thermoset)	0.061 in (1.5 mm)	0.300 in (7.62 mm)	Black, Red, Blue
Conductor2	XLP, XLPO, XLPE (Thermoset)		0.131 in (3.33 mm)	Black, Red, Blue
Ground	XLP, XLPO, XLPE (Thermoset)		0.234 in (5.94 mm)	Green

Inner Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.81 in (21 mm)

Armor

Armor Type & Material
AIA - Aluminum Interlock Armor

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	1.16 in (29.5 mm)
	1.16 in (29.5 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.419 Ohm/1000ft	60 Amps per Conductor at 30ºC

Voltage

Voltage Rating
600 V (Teck90)

Mechanical Characteristics

Temperature

Operating
-40°C To +90°C

Max. Pull Tension:	1700 lbs (770 kg)
Bulk Cable Weight:	849 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, UV Resistance
Flammability / Reaction to Fire:	FT4
CEC / C(UL) Compliance:	TECK 90, HL

History

Update and Revision:	Revision Number: 0.175 Revision Date: 10-30-2026

Part Numbers

Variants

Item #	Putup Type
6060 0102500	Reel

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