



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
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Physical Characteristics (Overall)

Conductor

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

Conductor Count:	6
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Insulation

Element	Material	Nominal Diameter	Nominal Wall Thickness
Conductor1	XLP, XLPO, XLPE (Thermoset)	0.300 in	0.061 in
Conductor2	XLP, XLPO, XLPE (Thermoset)	0.131 in	
Ground	XLP, XLPO, XLPE (Thermoset)	0.234 in	

Color Chart

Number	Color
1	Black
14	Red
2	Blue
14	
3	
14	
1	
6	
2	
6	
3	
6	

Color Chart 2

Color
Black
Red
Blue

Color Chart 3

Color

Green

Inner Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.81 in

Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	1.16 in
	1.16 in

Construction and Dimensions

Armor

Type of Armor	Material
Interlocked	Aluminum

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.419 Ohm/1000ft

Current

Max. Recommended Current [A]
60 Amps per Conductor at 30°C

Voltage

Non-UL Description	Non-UL Voltage Rating
Teck90	600 V

Temperature Range

Operating Temperature Range:	-40°C To +90°C
Wet Temp Range:	-40°C To +90 °C
Dry Temp Range:	-40°C To +90 °C

Mechanical Characteristics

UV Resistance:	Yes
Bulk Cable Weight:	849 lbs/1000ft
Maximum Recommended Pulling Tension:	1700 lbs
Minimum Minor Axis Bend Radius:	11.6 in

Applicable Environmental and Other Programs

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

Flammability, LS0H, Toxicity Testing

CSA/C(UL) Flammability:	FT4
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Put-Up Type
6060 0102500	Reel

History

Update and Revision:	Revision Number: 0.173 Revision Date: 03-18-2026
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