



Product: [6148](#) 

Teck90 600V, 50+G C #14+14 Str BC, XLPE Ins M4, PVC Jkt, SIA Armor, Blk PVC Jkt, CSA HL SUN RES -40C

Product Description

Teck90 600V, 50+G Conductor 14+14AWG (7x22H) Bare Copper, XLPE Insulation M4 Color Code, PVC Inner Jacket, Steel 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
Conductor(s)	14	7x22.5	BC - Bare Copper	50
Ground	14	7x22	BC - Bare Copper	1

Conductor Count:	50
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Insulation

Element	Material	Nominal Diameter	Nominal Wall Thickness
Conductor(s)	XLP, XLPO, XLPE (Thermoset)	0.174 in	0.030 in
Ground Wire	No Insulation		

Color Chart

Color
Black and Numbered

Inner Jacket

Material	Color	Ripcord
PVC - Polyvinyl Chloride	Black	Yes

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	1.656 in	0.053 in

Construction and Dimensions

Armor

Type of Armor	Material
Interlocked	Steel

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.6 ohms/1000 ft

Current

Max. Recommended Current [A]

12 Amps per Conductor at 30°C

Voltage**Non-UL Description**

TECK 90

Temperature Range

Operating Temperature Range: -40°C To +90°C

Mechanical Characteristics

Bulk Cable Weight: 1934 lbs/1000 ft

Maximum Recommended Pulling Tension: 200 lbs

Minimum Bend Radius During Installation: 19.9 in

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Suitability - Sunlight Resistance: Yes

History

Update and Revision: Revision Number: 0.53 Revision Date: 03-25-2026

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