



**Product:** [6049](#) 

Teck90 600V, 50+G C #12+14 Str BC, XLPE Ins M4, PVC Jkt, AIA Armor, Blk PVC Jkt, CSA HL SUN RES -40C

## Product Description

Teck90 600V, 50+G Conductor 12+14AWG (7x22H) Bare Copper, XLPE Insulation M4 Color Code, 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
Conductor(s)	12	7x20.5	BC - Bare Copper	50
Ground	14	7x22	BC - Bare Copper	1
Ground		7x20	BC - Bare Copper	

Conductor Count:	50
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#### Insulation

Element	Material	Nominal Diameter	Nominal Wall Thickness
Conductor1	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 Wall Thickness
PVC - Polyvinyl Chloride	0.053 in

## Construction and Dimensions

#### Armor

Type of Armor	Material
Interlocked	Aluminum

## Electrical Characteristics

#### Current

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

#### Voltage

**Non-UL Description**

TECK 90

**Temperature Range**

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

Dry Temp Range: -40°C To +90 °C

**Mechanical Characteristics**

Bulk Cable Weight: 1957 lbs/1000ft

**Standards**

CSA AWM Compliance: CSA C22.2#131; Hazardous Locations CSA C22.2#0.3 Clause 4.31 Low Acid Gas

**Applicable Environmental and Other Programs**

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

**Suitability**

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Suitability - Sunlight Resistance: Yes

**Flammability, LSOH, Toxicity Testing**

CSA/C(UL) Flammability: FT4

**History**

Update and Revision: Revision Number: 0.80 Revision Date: 03-26-2026

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