




Product: [6194](#) 

Teck90 600V, 3+4+G C #2+12+6 Str BC, XLPE Ins M4, PVC Jkt, AIA Armor, Blk PVC Jkt, CSA HL SUN RES -40C

Product Description

Teck90 600V, 3+4+G Conductor 2+12+6AWG (7x10+7x20) Bare Copper, XLPE Insulation M4 Color Code, PVC Inner Jacket, Aluminum Interlock Armor, Black PVC Outer Jacket, CSA HL SUN RES -40C

Technical Specifications

Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor1	2	7x10	BC - Bare Copper	3
Conductor2	12	7x20	BC - Bare Copper	4
Ground	6	7x14	BC - Bare Copper	1

Conductor Count:

Insulation

Element	Material	Nominal Diameter
Conductor1	XLP, XLPO, XLPE (Thermoset)	0.405 in
Conductor2	XLP, XLPO, XLPE (Thermoset)	0.150 in
Ground	No Insulation	

Color Chart

Color
Black
Red
Blue

Color Chart 2

Color
Black
Red
Blue
White

Inner Jacket

Material	Color
PVC - Polyvinyl Chloride	Black

Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.873 in

Construction and Dimensions

Armor

Type of Armor	Material
Interlocked	Aluminum

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.166 Ohm/1000ft

Current

Max. Recommended Current [A]
91 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
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Mechanical Characteristics

UV Resistance:	Yes
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Bulk Cable Weight:	1373 lbs/1000ft
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Maximum Recommended Pulling Tension:	6406.9 lbs
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Suitability

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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Suitability - Sunlight Resistance:	Yes
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Flammability, LS0H, Toxicity Testing

CSA/C(UL) Flammability:	FT4
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History

Update and Revision:	Revision Number: 0.50 Revision Date: 03-20-2026
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