



**Product:** [C5761](#)

Teck90 1000V, 3+G C #10+12 Str BC, XLPE Ins M4, PVC Jkt, AIA Armor, Blk PVC Jkt, CSA HL SUN RES -40C

## Product Description

Teck90 1000V, 3+G Conductor 10+12AWG (7x18H) 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

AWG	Stranding	Material	No. of Conductors
10	7x18	BC - Bare Copper	3
12		BC - Bare Copper	1

Conductor Count: 3

#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
XLP, XLPO, XLPE (Thermoset)	0.174 in	0.031 in
No Insulation		

#### Color Chart

Number	Color
1	Black
2	Red
3	Blue

#### Inner Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.886 in	0.063 in

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.886 in	0.048 in

### Construction and Dimensions

#### Armor

Type of Armor	Material	Diameter over Armoring
Interlocked	Aluminum	0.790 in

### Electrical Characteristics

#### Current

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

#### Voltage

Description	Non-UL Description	Non-UL Voltage Rating	Voltage Rating [V]
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Type TECK 90	TECK 90	1000 V RMS	1000 V RMS
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## Temperature Range

Installation Temp Range:	-25°C To +90°C
Non-UL Temp Rating:	90°C
Operating Temp Range:	-40°C To +90°C

## Mechanical Characteristics

UV Resistance:	Yes
Bulk Cable Weight:	389 lbs/1000ft
Max. Pull Tension:	200 lbs
Min Bend Radius/Minor Axis:	10.7 in

## Standards

NEC/(UL) Compliance:	N/A
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## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2006-01-01

## Suitability

Suitability - Burial:	Yes
Suitability - Hazardous Locations:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

## Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT4
UL voltage rating:	N/A

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Putup Type	UPC
C5761 01010000	Reel	612825284505
C5761 0102500	Reel	612825284529
C5761 0103280	Reel	
C5761 0105000	Reel	612825284543
C5761 0107500	Reel	612825284550
C5761 010984	Reel	612825284567
C5761 0109840	Reel	

## History

Update and Revision:	Revision Number: 0.33 Revision Date: 06-24-2020
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