



Product: [C5762](#)

Teck90 1000V, 4+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, 4+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	4
12		BC - Bare Copper	1

Conductor Count: 4

Insulation

Material	Nominal Wall Thickness
XLP, XLPO, XLPE (Thermoset)	0.045 in
No Insulation	

Color Chart

Number	Color
1	Red
2	Black
3	Blue
4	White

Inner Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.618 in

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.939 in

Construction and Dimensions

Armor

Type of Armor	Material	Diameter over Armoring
Interlocked	Aluminum	0.843 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
1.03 Ohm/1000ft

Current

Max. Recommended Current [A]

30 Amps per Conductor at 25°C

Voltage**Non-UL Voltage Rating**

1000 V RMS

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

Bulk Cable Weight:	460 lbs/1000ft
Max. Pull Tension:	200 lbs
Min Bend Radius/Minor Axis:	11.3 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 2003/11/EC (BFR):	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 RoHS Compliance Date (yyyy-mm-dd):	2006-01-01

Suitability

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

Flammability, LSOH, 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
C5762 01010000	Reel	612825284581
C5762 0102500	Reel	612825284604
C5762 0105000	Reel	612825284611
C5762 0107500	Reel	612825284642

History

Update and Revision:	Revision Number: 0.106 Revision Date: 02-16-2021
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