



**Part Number:** 6178

1000V Teck 90, (2) 4/0 AWG (19x9) BC+Grd, XLP/PVC/PVC, Alum Armor

## Product Description

4/0 AWG stranded (19x9) bare copper conductors plus ground wire, cross-linked polyethylene insulation, PVC inner jacket, aluminum interlocked armor, PVC outer jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	36617	19x9	BC - Bare Copper	2
Ground Wire	4		BC - Bare Copper	
<b>Total Number of Conductors:</b>				2

#### Insulation:

Material	Nominal Wall Thickness
XLPE - Cross Linked Polyethylene	0.08 in

#### Color Chart 1:

Number	Color
1	Black
2	White

#### Stranding:

Lay Length
Y mm

### Innerjacket:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	1.52 in

### Outershield 1:

Material
Unshielded

### Outerjacket 1:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	1.93 in
	1.93 in

### Armor:

Type of Armor	Material	Diameter over Armoring
Interlocked Armor	Aluminum	1.82 mm

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
0.058 Ohm/1000ft

## Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	3400 lbs

## Safety

CSA Flammability:	FT4
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## Temperature Range

Dry Temp Range:	-40°C To +90 °C
Operating Temp Range:	-40°C To +90°C
Wet Temp Range:	-40°C To +90°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	23.25 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CSA AWM Specification:	CSA Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

## History

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