



**Part Number:** 6060

600V Teck 90, (3) 14 AWG (7x22) BC, (3) 6 AWG (7x14) BC+Grd, XLP/PVC/PVC, Alum Armor

## Product Description

Composite three 14 AWG stranded (7x22) bare copper conductors and 6 AWG stranded (7x14) 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
	14	7x22	BC - Bare Copper	3
	6	7x14	BC - Bare Copper	3
Ground Wire	8	7x16	BC - Bare Copper	

<b>Total Number of Conductors:</b>	6
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#### Insulation:

Material	Nominal Wall Thickness
XLPE - Cross Linked Polyethylene	0.061 in

#### Color Chart 1:

Number	Color
1	Black
14	Black
2	Red
14	Red
3	Blue (14 AWG); Black
14	Blue
1	Red
6	Black
2	Blue (6 AWG)
6	Red
3	
6	Blue

### Stranding:

Lay Length
Y mm

### Innerjacket:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.81 in

### Outershield 1:

Material
Unshielded

### Outerjacket 1:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	1.16 in
	1.16 in

### Armor:

Type of Armor	Material	Diameter over Armoring
Interlocked Armor	Aluminum	1.06 mm

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
8 Ohm/1000ft

## Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	1700 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:	11.6 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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