



**Part Number:** 29004

600V ACIC, (3) 16 AWG (7x24) BC+Grd, XLPE/PVC/PVC, Alum Armor

## Product Description

Three 16 AWG stranded (7x24) bare copper conductors plus bare copper 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
	16	7x24	BC - Bare Copper	3
Ground Wire	16	7x24	BC - Bare Copper	
<b>Total Number of Conductors:</b>				3

#### Insulation:

Material
XLPE - Cross Linked Polyethylene

#### Color Chart 1:

Number	Color
1	White and Numbered 1
2	Black and Numbered 2
3	Black and Numbered 3

## Stranding:

### Lay Length

PVC mm

## Outersheild 1:

### Material

Unshielded

## Outerjacket 1:

### Material

PVC - Polyvinyl Chloride

### Nominal Diameter

0.36 in

0.66 in

## Armor:

### Type of Armor

### Material

### Diameter over Armoring

Interlocked Armor

Aluminum

0.56 mm

## Electrical Characteristics

## Conductor DCR:

### Nominal Conductor DCR

4.2 Ohm/1000ft

## Current:

### Max. Recommended Current [A]

10 Amps per conductor @ 25°C

## Voltage:

### Non-UL Voltage Rating

600 V RMS

## Use

Suitability - Burial:

Yes

Suitability - Sunlight Resistance:

Yes

Max Recommended Pulling Tension:

66 lbs

## Safety

CSA Flammability:

FT4

## Temperature Range

Dry Temp Range:	-40°C To +90 °C
Non-UL Temp Rating:	90°C Wet/Dry
Wet Temp Range:	-40°C To +90°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	7.9 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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