



**Part Number:** 24509

600V ACIC, (8 triad) 16 AWG (7x24) TC, PVC/PVC/PVC, Foil Shld, Alum Armor

## Product Description

Eight 16 AWG triads stranded (7x24) tinned copper conductors, PVC insulation, PVC inner jacket, individual plus an overall Beldfoil® shield (100% coverage), aluminum interlocked armor, PVC outer jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Triads
16	7x24	TC - Tinned Copper	8
<b>Total Number of Conductors:</b>			24

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.03 in

#### Color Chart 2:

Number	Number
1	Black & White & Red and Numbered 1
2	Black & White & Red and Numbered 2
3	Black & White & Red and Numbered 3
4	Black & White & Red and Numbered 4
5	Black & White & Red and Numbered 5
6	Black & White & Red and Numbered 6
7	Black & White & Red and Numbered 7
8	Black & White & Red and Numbered 8

**Innershield:**

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	18	7x26 mm
				TC - Tinned Copper	

**Innerjacket:**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.96 in

**Outershield 1:**

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	16	7x24 mm

**Outerjacket 1:**

Material	Nominal Diameter	Ripcord	Separator Material
PVC - Polyvinyl Chloride	1.33 in	Yes	Polyester
	1.33 in		

**Armor:**

Type of Armor	Material
Interlocked Armor	Aluminum

**Electrical Characteristics**

**Conductor DCR:**

Nominal Conductor DCR
3.8 Ohm/1000ft

**Voltage:**

Description	Voltage Rating [V]
CEC ACIC	600 V

## Use

Max Recommended Pulling Tension:	1076 lbs
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## Safety

CSA Flammability:	FT4
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## Temperature Range

Dry Temp Range:	-40 °C To +105 °C
Installation Temp Range:	-25 °C To +105 °C
Wet Temp Range:	-40 °C To +75 °C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	16 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)
Other Specification:	Other Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

## History

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