



**Part Number:** 23507

300V ACIC, (1 triad) 16 AWG (7x24) TC, PVC/PVC/PVC, Foil Shld, Alum Armor

## Product Description

One 16 AWG triad stranded (7x24) tinned copper conductors, 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	1
<b>Total Number of Conductors:</b>			3

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.025 in

#### Stranding:

Lay Length
Yes mm

#### Innerjacket:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.329 in	0.047 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	18	7x26 mm

## Outerjacket 1:

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.613 in	Yes

## Aarmor:

Type of Armor	Material	Diameter over Armoring
Interlocked Armor	Aluminum	0.509 mm

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
4.2 Ohm/1000ft	5.86 Ohm/1000ft

### Voltage:

Non-UL Description	Non-UL Voltage Rating
CSA ACIC	300

## Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	200 lbs

## Safety

C(UL) 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

<b>Min Bend Radius/Minor Axis:</b>	7.4 in
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## Part Number

<b>Plenum (Y/N):</b>	No
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## Standards

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

## History

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