



**Part Number:** 23533

300V ACIC, (1 pr) 18 AWG (7x26) TC, PVC/PVC/PVC, Foil Shld, Alum Armor

## Product Description

One 18 AWG pair stranded (7x26) 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 Pairs
18	7x26	TC - Tinned Copper	1
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.025 in

#### Color Chart 1:

Number	Color
1	Black & White

#### Stranding:

Lay Length
Yes mm

### Innerjacket:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.3 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	20	7x28 mm

### Outerjacket 1:

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.6 in	Yes

### Armor:

Type of Armor	Material	Diameter over Armoring
Interlocked Armor	Aluminum	0.5 mm

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
6.8 Ohm/1000ft	10 Ohm/1000ft

### Voltage:

Description	Voltage Rating [V]
CEC ACIC	300 V

## Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	57 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

<b>Non-UL Temp Rating:</b>	105°C
<b>Wet Temp Range:</b>	-40°C To +75°C

## Mechanical Characteristics

<b>Min Bend Radius/Minor Axis:</b>	7.2 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>CEC/C(UL) Specification:</b>	CEC/C(UL) Specification
<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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