



**Part Number:** 23554

300V ACIC, (36 pr) 18 AWG (7x26) TC, PVC/PVC/PVC, Foil Shld, Alum Armor

## Product Description

Thirty-six 18 AWG pairs 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	36
<b>Total Number of Conductors:</b>			72

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.025 in

#### Color Chart 1:

Number	Color
1	Black & White and Numbered 1
2	Black & White and Numbered 2
3	Black & White and Numbered 3
4	Black & White and Numbered 4
5	Black & White and Numbered 5
6	Black & White and Numbered 6
7	Black & White and Numbered 7
8	Black & White and Numbered 8
9	Black & White and Numbered 9
10	Black & White and Numbered 10
11	Black & White and Numbered 11
12	Black & White and Numbered 12
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29	Black & White and Numbered 29
30	Black & White and Numbered 31
32	Black & White and Numbered 32
33	Black & White and Numbered 33
34	Black & White and Numbered 34
35	Black & White and Numbered 35
36	Black & White and Numbered 36

**Stranding:**

Lay Length
Yes mm

## Innershield:

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	20	7x28 mm
				TC - Tinned Copper	

## Innerjacket:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	1.41 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	1.8 in	Yes

## Armor:

Type of Armor	Material
Interlocked Armor	Aluminum

## Electrical Characteristics

### Conductor DCR:

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
10 Ohm/1000ft	6.8 Ohm/1000ft	6.5 Ohm/1000ft

### Voltage:

Description	Voltage Rating [V]
CEC ACIC	300 V

## Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	2050 lbs

## Safety

<b>C(UL) Flammability:</b>	FT4
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## Temperature Range

<b>Dry Temp Range:</b>	-40°C To +105 °C
<b>Installation Temp Range:</b>	-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>	21.6 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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