



Part Number: 23542

300V ACIC, (24 pr) 18 AWG (7x26) TC, PVC/PVC/PVC,
Foil Shld, Alum Armor

Product Description

Twenty-four 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	24
Total Number of Conductors:			48

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
13	Black & White and Numbered 13
14	Black & White and Numbered 14
15	Black & White and Numbered 15
16	Black & White and Numbered 16
17	Black & White and Numbered 17
18	Black & White and Numbered 18
19	Black & White and Numbered 19
20	Black & White and Numbered 20
21	Black & White and Numbered 21
22	Black & White and Numbered 22
23	Black & White and Numbered 23
24	Black & White and Numbered 24

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	1.24 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	1.63 in	Yes

Armor:

Type of Armor	Material	Diameter over Armoring
Interlocked Armor	Aluminum	1.5 mm

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

Capacitance:

Nom.Mutual Capacitance
27 pF/ft

Voltage:

Description	Voltage Rating [V]
CEC ACIC	300 V

Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	1368 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
Non-UL Temp Rating:	105°C

Wet Temp Range:	-40°C To +75°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	19.6 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)
CEC/C(UL) Specification:	CEC/C(UL) Specification
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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