



Part Number: 23538

300V ACIC, (24 pr) 16 AWG (7x24) TC, PVC/PVC/PVC, Foil Shld, Alum Armor

Product Description

Twenty-four 16 AWG pairs 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 Pairs
16	7X24	TC - Tinned Copper	24
Total Number of Conductors:			48

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.025 in

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 %	18	7x26 mm
	TC - Tinned Copper				

Innerjacket:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	1.376 in	0.083 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
PVC - Polyvinyl Chloride	1.76 in	Yes

Armor:

Type of Armor	Material	Diameter over Armoring
Interlocked Armor	Aluminum	1.636 mm

Electrical Characteristics

Conductor DCR:

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
10 Ohm/1000ft	4.2 Ohm/1000ft	4 Ohm/1000ft

Voltage:

Non-UL Description	Non-UL Voltage Rating
CEC 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
Non-UL Temp Rating:	105°C
Wet Temp Range:	-40°C To +75 °C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	21.2 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)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History

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