



Part Number: 24503

600V ACIC, (8 pr) 16 AWG (7x24) TC, PVC/PVC/PVC, Foil Shld, Alum Armor

Product Description

Eight 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	8
Total Number of Conductors:			16

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.03 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

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	Ripcord
PVC - Polyvinyl Chloride	0.9 in	Yes

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	Separator Material
PVC - Polyvinyl Chloride	1.27 in	Yes	Polyester
	1.27 in		Mylar®

Aarmor:

Type of Armor	Material
Interlocked Armor	Aluminum

Electrical Characteristics

Conductor DCR:

Element	Individual Pair Nominal Shield DCR	Nominal Conductor DCR
16 AWG	6.7 Ohm/1000ft	4.2 Ohm/1000ft
22 AWG		14.7 Ohm/1000ft

Voltage:

Description	Voltage Rating [V]
CEC ACIC	600 V

Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	786 lbs

Safety

CSA 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

Min Bend Radius/Minor Axis:	15.25 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)
Other Specification:	Other Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History

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