



Part Number: 24512

600V ACIC, (2 pr) 18 AWG (7x26) TC, PVC/PVC/PVC, Foil Shld, Alum Armor

Product Description

Two 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	2
Total Number of Conductors:			4

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

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	Ripcord
PVC - Polyvinyl Chloride	0.51 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	18	7x26 mm

Outerjacket 1:

Material	Nominal Diameter	Ripcord	Separator Material
PVC - Polyvinyl Chloride	0.82 in	Yes	Polyester
	0.82 in		Mylar®

Armor:

Type of Armor	Material
Interlocked Armor	Aluminum

Electrical Characteristics

Conductor DCR:

Element	Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
18 AWG	10.3 Ohm/1000ft	5.86 Ohm/1000ft	4.3 Ohm/1000ft
22 AWG		14.7 Ohm/1000ft	

Current:

Max. Recommended Current [A]
2.5 Amps per conductor @ 25°C

Voltage:

Description	Voltage Rating [V]
CEC ACIC	600 V

Use

Max Recommended Pulling Tension:	137 lbs
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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:	9.85 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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