



Part Number: 25501

600V ACIC, (12 pr) 18 AWG (7x26) TC, PVC/PVC/PVC, Foil Shld, Steel Armor

Product Description

Twelve 18 AWG pairs stranded (7x26) tinned copper conductors, PVC insulation, PVC inner jacket, individual plus an overall Beldfoil® shield (100% coverage), steel interlocked armor, PVC outer jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
18	7x26	TC - Tinned Copper	12
Total Number of Conductors:			24

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
9	Black & White and Numbered 9
10	Black & White and Numbered 10
11	Black & White and Numbered 11
12	Black & White and Numbered 12

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	1 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	1.36 in	Yes	Polyester
	1.36 in		Mylar®

Armor:

Type of Armor	Material
Interlocked Armor	Steel

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: 711 lbs

Safety

CSA Flammability: FT4

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: 16.3 in

Part Number

Plenum (Y/N): No

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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