Part Number: 25504

600V ACIC, (1 pr) 16 AWG (7x24) TC, PVC/PVC/PVC, Foil Shld, Steel Armor

Product Description

One 16 AWG pair stranded (7x24) 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
16	7x24	TC - Tinned Copper	1

Total Number of Conductors:	2

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.03 in

Color Chart 1:

Number	Color
1	Black & White

Innerjacket:

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.34 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	0.64 in	Yes	Polyester
	0.64 in		

Armor:

Type of Armor	Material
Interlocked Armor	Steel

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:	93.8 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:	7.7 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