



Part Number: 22685

300V CIC, (16 pr) 16 AWG (7x24) TC, PVC/PVC, Foil Shld

Product Description

Sixteen 16 AWG pairs stranded (7x24) tinned copper conductors, PVC insulation, individual Beldfoil® plus an overall Beldfoil® shield (100% coverage), PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
16	7X24	TC - Tinned Copper	16
Total Number of Conductors:			32

Insulation:

Material
PVC - Polyvinyl Chloride

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	

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	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	1.12 in	0.08 in	Yes

Electrical Characteristics

Conductor DCR:

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

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
47 pF/ft	89 pF/ft

Inductance:

Nominal Inductance
0.19 µH/ft

Voltage:

Description	Voltage Rating [V]
CEC CIC	300 V

Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

Safety

CSA Flammability:	FT4
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Temperature Range

Installation Temp Range:	-25°C To +105 °C
Non-UL Temp Rating:	105°C
Operating Temp Range:	-40°C To +105°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	11.2 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)
CEC/C(UL) Specification:	CEC/C(UL) Specification
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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