



**Part Number:** 22643

300V CIC, (16 pr) 20 AWG (7x28) TC, PVC/PVC, Foil Shld

## Product Description

Sixteen 20 AWG pairs stranded (7x28) 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
20	7x28	TC - Tinned Copper	16
<b>Total Number of Conductors:</b>			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 %	22	7x30 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	20	7x28 mm

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.81 in	0.06 in	Yes

## Electrical Characteristics

### Conductor DCR:

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
51 Ohm/1000ft	9.5 Ohm/1000ft	16 Ohm/1000ft

### Current:

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

### Voltage:

Description	Voltage Rating [V]
CEC CIC	300 V

## Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	617 lbs

## Safety

C(UL) Flammability:	FT4
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## Temperature Range

Installation Temp Range:	-25°C To +90°C
Non-UL Temp Rating:	105°C
Operating Temp Range:	-40°C To +90°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	8.1 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)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

## History

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