



**Part Number:** 22654

300V CIC, (16 pr) 18 AWG (7x26) TC, PVC/PVC, Foil Shld

## Product Description

Sixteen 18 AWG pairs stranded (7x26) 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
18	7x26	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	Separator Material
PVC - Polyvinyl Chloride	1.02 in	0.08 in	Yes	Polyester

## Electrical Characteristics

### Conductor DCR:

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
10.3 Ohm/1000ft	6.7 Ohm/1000ft	4.8 Ohm/1000ft

### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
42 pF/ft	95 pF/ft

### Current:

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

### Inductance:

Nominal Inductance
0.19 µH/ft

### Voltage:

Non-UL Description	Non-UL Voltage Rating
CEC CIC	300

## Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

## Safety

C(UL) Flammability:	FT4
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## Temperature Range

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

## Mechanical Characteristics

<b>Min Bend Radius/Minor Axis:</b>	10.2 in
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## Part Number

<b>Plenum (Y/N):</b>	No
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## Standards

<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	CA Prop 65 (CJ for Wire & Cable)
<b>CEC/C(UL) Specification:</b>	CEC/C(UL) Specification
<b>CSA AWM Specification:</b>	CSA Specification
<b>MII Order #39 (China RoHS):</b>	MII Order #39 (China RoHS)
<b>EU Directive Compliance:</b>	EU Directive 2003/11/EC (BFR)

## History

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