



**Part Number:** 25520

600V ACIC, (4 triad) 18 AWG (7x26) TC, PVC/PVC/PVC, Foil Shld, Steel Armor

## Product Description

Four 18 AWG triads 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 Triads
18	7x26	TC - Tinned Copper	4
<b>Total Number of Conductors:</b>			12

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.03 in

#### Color Chart 2:

Number	Number
1	Black & White & Red and Numbered 1
2	Black & White & Red and Numbered 2
3	Black & White & Red and Numbered 3
4	Black & White & Red and Numbered 4

## 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
PVC - Polyvinyl Chloride	0.66 in

## 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	0.99 in	Yes	Polyester
	0.99 in		

## Aarmor:

Type of Armor	Material
Interlocked Armor	Steel

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
5.86 Ohm/1000ft

### Voltage:

Description	Voltage Rating [V]
CEC ACIC	600 V

## Use

Max Recommended Pulling Tension:	342 lbs
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## Safety

CSA Flammability:	FT4
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## 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:	11.9 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)
Other Specification:	Other Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

## History

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