



**Part Number:** 28341AS

600V Tray, (12) 16 AWG (7x24) BC, PVC-NYL/PVC, Foil Shld, TC-ER

## Product Description

Twelve 16 AWG stranded (7x24) bare copper conductors, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	16	7x24	BC - Bare Copper	12
No Ground				
<b>Total Number of Conductors:</b>				12

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Stranding:

Lay Length
N mm

#### Outersheild 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
PVC - Polyvinyl Chloride	0.505 in	0.045 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
4.2 Ohm/1000ft

### Current:

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

## Use

Max Recommended Pulling Tension:	420 lbs
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## Safety

C(UL) Flammability:	FT4
IEEE Flammability:	1202
UL Flammability:	UL1685 UL Loading

## Temperature Range

Dry Temp Range:	-30°C To +90 °C
Wet Temp Range:	-30°C To +75°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	5 in
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## Part Number

Plenum (Y/N):	No
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## Standards

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

## History

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