



**Part Number:** 28114AS

600V Tray, (7) 12 AWG (7x20) BC, PVC-NYL/PVC, Foil Shld, TC-ER

## Product Description

Seven 12 AWG stranded (7x20) 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
	12	7x20	BC - Bare Copper	7
No Ground				
<b>Total Number of Conductors:</b>				7

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 1:

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow
6	Brown
7	Red/Black

### 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	12	7x20 mm

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.485 in	0.045 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
1.65 Ohm/1000ft

### Capacitance:

Nom.Mutual Capacitance
43 pF/ft

### Current:

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

### Voltage:

UL Voltage Rating
600 V RMS

## Use

Max Recommended Pulling Tension:	426 lbs
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## Safety

CSA Flammability:	FT4
IEEE Flammability:	1202
UL Flammability:	UL1685 UL Loading

## Temperature Range

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

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	4.8 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)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
Other Specification:	Other Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

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