



**Part Number:** 28140AS

600V Tray, (4) 10 AWG (7x18) BC, PVC-NYL/PVC, Foil Shld, TC-ER

## Product Description

Four 10 AWG stranded (7x18) 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
	10	7x18	BC - Bare Copper	4
No Ground				
<b>Total Number of Conductors:</b>				4

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 1:

Number	Color
1	Black
2	Red
3	Blue
4	Orange

## Stranding:

Lay Length
N mm

## Outersield 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	10	7x18 mm

## Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.495 in	0.045 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
1.04 Ohm/1000ft

### Current:

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

### Voltage:

UL Voltage Rating
600 V RMS

## Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	592 lbs

## Safety

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

## Temperature Range

Dry Temp Range:	-30°C To +90°C
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<b>UL Temp Rating:</b>	75°C Wet
<b>Wet Temp Range:</b>	-30°C To +75°C

## Mechanical Characteristics

<b>Min Bend Radius/Minor Axis:</b>	4.9 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>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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