



**Part Number:** 27145A

600V Tray, (9) 10 AWG (7x18) BC, PVC-NYL/PVC, TC

## Product Description

Nine 10 AWG stranded (7x18) bare copper conductors, PVC/Nylon insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	10	7x18	BC - Bare Copper	9
No Ground				
<b>Total Number of Conductors:</b>				9

#### 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
8	Blue/Black
9	Orange/Black

### Stranding:

Lay Length
N mm

### Outersheild 1:

Material
Unshielded

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.72 in	0.06 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:	1332 lbs
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## Safety

C(UL) Flammability:	FT4
ICEA Flammability:	T-29-520
IEEE Flammability:	1202
UL Flammability:	UL1685 UL Loading

## Temperature Range

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

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	7.2 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)

## History

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