



**Part Number:** 28616A

600V Tray, (8) 16 AWG (7x24) BC, PVC-NYL/PVC, TC-ER

## Product Description

Eight 16 AWG stranded (7x24) bare copper conductors, PVC/Nylon insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	16	7x24	BC - Bare Copper	8
No Ground				
<b>Total Number of Conductors:</b>				8

#### 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

### Stranding:

Lay Length
N mm

### Outershield 1:

Material
Unshielded

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.42 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

### Voltage:

Voltage Rating [V]
600 V RMS

## Use

Max Recommended Pulling Tension:	280 lbs
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## Safety

<b>C(UL) Flammability:</b>	FT4
<b>IEEE Flammability:</b>	1202
<b>UL Flammability:</b>	UL1685 UL Loading

## Temperature Range

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

## Mechanical Characteristics

<b>Min Bend Radius/Minor Axis:</b>	4.2 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)
<b>EU CE Mark:</b>	EU CE Mark

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
28616A 0105000	BLACK	Reel	5000 ft

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