



**Part Number:** 27086A

600V Tray, (8) 14 AWG (7x22) BC, PVC-NYL/PVC, TC

## Product Description

Eight 14 AWG stranded (7x22) bare copper conductors, PVC/Nylon insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
14	7x22	BC - Bare Copper	8
<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

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.47 in	0.045 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
2.6 Ohm/1000ft

#### Current:

Max. Recommended Current [A]
12 A

#### Voltage:

UL Description	UL Voltage Rating
NPLF	150 V RMS
TC	600 V RMS

## Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	350 lbs

## Safety

C(UL) Flammability:	FT4
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<b>ICEA Flammability:</b>	T-29-520
<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>	4.7 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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