



**Part Number:** 27112A

600V Tray, (5) 12 AWG (7x20) BC, PVC-NYL/PVC, TC

## Product Description

Five 12 AWG stranded (7x20) bare copper conductors, PVC/Nylon insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	12	7x20	BC - Bare Copper	5
No Ground				
<b>Total Number of Conductors:</b>				5

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 1:

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow

### Stranding:

Lay Length
N mm

### Outersheild 1:

Material
Unshielded

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.456 in	0.047 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
1.65 Ohm/1000ft

### Current:

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

### Voltage:

UL Voltage Rating
600 V RMS

## Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	304 lbs

## Safety

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

## Temperature Range

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

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	4.6 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

## Product Variants

Part Number	Color	Put-Up Type	Length
27112A 01010000	BLACK	Reel	10000 ft

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