



**Part Number:** 27131A

600V Tray, (24) 12 AWG (7x20) BC, PVC-NYL/PVC, TC

## Product Description

Twenty-four 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	24
No Ground				
<b>Total Number of Conductors:</b>				24

#### 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
10	Yellow/Black
11	Brown/Black
12	Black/Red
13	Blue/Red
14	Orange/Red
15	Yellow/Red
16	Brown/Red
17	Black/Blue
18	Red/Blue
19	Orange/Blue
20	Yellow/Blue
21	Brown/Blue
22	Black/Orange
23	Red/Orange
24	Blue/Orange

**Stranding:**

Lay Length
N mm

**Outersheild 1:**

Material
Unshielded

**Outerjacket 1:**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.94 in	0.08 in

**Electrical Characteristics**

**Conductor DCR:**

Nominal Conductor DCR	
1.65 Ohm/1000ft	

## Voltage:

UL Voltage Rating	
600 V RMS	

## Use

Max Recommended Pulling Tension:	1458 lbs
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## Safety

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

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	9.4 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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