



**Part Number:** 27612A

600V Tray, (30) 18 AWG (7x26) BC, PVC-NYL/PVC, TC

## Product Description

Thirty 18 AWG stranded (7x26) bare copper conductors, PVC/Nylon insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	30
<b>Total Number of Conductors:</b>			30

#### 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
25	Yellow/Orange
26	Brown/Orange
27	Black/Yellow
28	Red/Yellow
29	Blue/Yellow
30	Orange/Yellow

**Outershield 1:**

Material
Unshielded

**Outerjacket 1:**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.69 in	0.06 in	Yes

**Electrical Characteristics**

## Conductor DCR:

### Nominal Conductor DCR

6.7 Ohm/1000ft

## Current:

### Max. Recommended Current [A]

4.8 Amps per conductor @ 25°C

## Voltage:

### UL Voltage Rating

600 V RMS (NEC Type TC)

150 V RMS (NPLF)

## Use

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	660 lbs

## 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
Wet Temp Range:	-30°C To +75°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	6.6 in
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## Part Number

Plenum (Y/N):	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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