



**Part Number:** 28169A

600V Tray, (4) 1/0 AWG (19x12) BC+Grd, PVC-NYL/PVC, TC-ER

## Product Description

Four 1/0 AWG stranded (19x12) bare copper conductors plus ground wire, PVC/Nylon insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	36526	19x12	BC - Bare Copper	4
Ground Wire	6	7x14	BC - Bare Copper	
<b>Total Number of Conductors:</b>				4

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 1:

Number	Color
1	Black and Numbered 1
2	Black and Numbered 2
3	Black and Numbered 3
4	Black and Numbered 4

## Stranding:

### Lay Length

Y mm

## Outershield 1:

### Material

Unshielded

## Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	1.337 in	0.083 in	Yes

## Electrical Characteristics

## Conductor DCR:

### Nominal Conductor DCR

0.106 Ohm/1000ft

## Current:

### Max. Recommended Current [A]

136 AMPS @ 30°C

## Voltage:

### UL Voltage Rating

600 V RMS

## Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	3380 lbs

## Safety

CSA Flammability:	FT4
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:	13.37 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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