



**Part Number:** 27157A

600V Tray, (4) 4 AWG (7x12) BC+Grd, PVC-NYL/PVC, TC

## Product Description

Four 4 AWG stranded (7x12) 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
	4	7x12	BC - Bare Copper	4
Ground Wire	8	7x16	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

## Cabling 1:

Lay Length	Twists
12 in	1 twist/ft

## Outershield 1:

Material
Unshielded

## Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.95 in	0.08 in	Yes

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
0.26 Ohm/1000ft

### Current:

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

### Voltage:

UL Voltage Rating
600 V RMS

## Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	1940 lbs

## Safety

CSA Flammability:	FT4
ICEA Flammability:	T-29-520
IEEE Flammability:	1202

<b>UL Flammability:</b>	UL1685 UL Loading
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## Temperature Range

<b>Dry Temp Range:</b>	-30°C To +90 °C
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<b>Wet Temp Range:</b>	-30°C To +75°C
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## Mechanical Characteristics

<b>Min Bend Radius/Minor Axis:</b>	9.5 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)
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<b>MII Order #39 (China RoHS):</b>	MII Order #39 (China RoHS)
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<b>NEC/(UL) Specification:</b>	NEC/(UL) Specification
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<b>Other Specification:</b>	Other Specification
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<b>EU Directive Compliance:</b>	EU Directive 2003/11/EC (BFR)
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## History

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