



**Part Number:** 28159A

600V Tray, (3) 2 AWG (7x10) BC+Grd, PVC-NYL/PVC, TC-ER

## Product Description

Three 2 AWG stranded (7x10) 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
	2	7x10	BC - Bare Copper	3
Ground Wire	6	7x14	BC - Bare Copper	
<b>Total Number of Conductors:</b>				3

#### 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

#### Stranding:

Lay Length
Y mm

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.99 in	0.08 in	Yes

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
0.16 Ohm/1000ft

#### Current:

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

#### Voltage:

UL Voltage Rating
600 V RMS

## Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	1593 lbs

## Safety

CSA Flammability:	FT4
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:	9.9 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
28159A 0105000	BLACK	Reel	5000 ft

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