



Part Number: 27140A

600V Tray, (4) 10 AWG (7x18) BC, PVC-NYL/PVC, TC

Product Description

Four 10 AWG stranded (7x18) bare copper conductors, PVC/Nylon insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	10	7x18	BC - Bare Copper	4
No Ground				
Total Number of Conductors:				4

Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

Color Chart 1:

Number	Color
1	Black
2	Red
3	Blue
4	Orange

Stranding:

Lay Length

N mm

Outershield 1:

Material

Unshielded

Outerjacket 1:

Material

PVC - Polyvinyl Chloride

Nominal Diameter

0.495 in

Nominal Wall Thickness

0.047 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR

1.04 Ohm/1000ft

Current:

Max. Recommended Current [A]

30 Amps per conductor @ 25°C

Voltage:

UL Voltage Rating

600 V RMS

Use

Suitability - Burial:

Yes

Suitability - Sunlight Resistance:

Yes

Max Recommended Pulling Tension:

592 lbs

Safety

C(UL) Flammability:

FT4

UL Flammability:

UL1685 UL Loading

Temperature Range

Dry Temp Range:

-30°C To +90 °C

UL Temp Rating:

75°C Wet

Wet Temp Range:	-30°C To +75 °C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	5 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
27140A 01010000	BLACK	Reel	10000 ft
27140A 0101000	BLACK	Reel	1000 ft

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