



Part Number: 27138A

600V Tray, (2) 10 AWG (7x18) BC, PVC-NYL/PVC, TC

Product Description

Two 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	2
No Ground				
Total Number of Conductors:				2

Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

Color Chart 1:

Number	Color
1	Black
2	Red

Stranding:

Lay Length
N mm

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.26 x 0.426 in	0.047 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
1.04 Ohm/1000ft

Current:

Max. Recommended Current [A]
40 Amps per conductor @ 30°C

Voltage:

UL Voltage Rating
600 V RMS

Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	166 lbs

Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 Vertical Tray Flame Test

Temperature Range

Dry Temp Range:	-30°C To +90 °C
UL Temp Rating:	75°C Dry +90°C Wet
Wet Temp Range:	-30°C To +75 °C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.6 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

Notes:	Flat construction; overall shield not available
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Product Variants

Part Number	Color	Put-Up Type	Length
27138A 01010000	BLACK	Reel	10000 ft
27138A 0105000	BLACK	Reel	5000 ft

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