



Part Number: 27160A

600V Tray, (4) 2 AWG (7x10) BC+Grd, PVC-NYL/PVC, TC

Product Description

Four 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	4
Ground Wire	6	7x14	BC - Bare Copper	
Total Number of Conductors:				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	1.09 in	0.08 in	Yes

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR

0.16 Ohm/1000ft

Current:

Max. Recommended Current [A]

84 Amps per conductor @ 25°C

Voltage:

UL Voltage Rating

600 V RMS

Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	3088 lbs

Safety

CSA Flammability:	FT4
ICEA Flammability:	T-29-520
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:	10.9 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

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