



Part Number: 27614A

600V Tray, (50) 18 AWG (7x26) BC, PVC-NYL/PVC, TC

Product Description

Fifty 18 AWG stranded (7x26) bare copper conductors, PVC/Nylon insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	50
Total Number of Conductors:			50

Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

Color Chart 1:

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow

6	Brown
7	Red/Black
8	Blue/Black
9	Orange/Black
10	Yellow/Black
11	Brown/Black
12	Black/Red
13	Blue/Red
14	Orange/Red
15	Yellow/Red
16	Brown/Red
17	Black/Blue
18	Red/Blue
19	Orange/Blue
20	Yellow/Blue
21	Brown/Blue
22	Black/Orange
23	Red/Orange
24	Blue/Orange
25	Yellow/Orange
26	Brown/Orange
27	Black/Yellow
28	Red/Yellow
29	Blue/Yellow
30	Orange/Yellow
31	Brown/Yellow
32	Black/Brown
33	Red/Brown
34	Blue/Brown
35	Orange/Brown
36	Yellow/Brown
37	Black & Numbered 2
38	Red & Numbered 2
39	Blue & Numbered 2
40	Orange & Numbered 2
41	Yellow & Numbered 2
42	Brown & Numbered 2
43	Red/Black & Numbered 2
44	Blue/Black & Numbered 2
45	Orange/Black & Numbered 2
46	Yellow/Black & Numbered 2

47	Orange/Black & Numbered 2
48	Black/Red & Numbered 2
49	Blue/Red & Numbered 2
50	Orange/Red & Numbered 2

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.91 in	0.08 in	Yes

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
6.7 Ohm/1000ft

Current:

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

Voltage:

UL Voltage Rating
600 V RMS (NEC Type TC)
150 V RMS (NPLF)

Use

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	1100 lbs

Safety

C(UL) Flammability:	FT4
ICEA Flammability:	T-29-520
IEEE Flammability:	1202

UL Flammability:	UL1685 UL Loading
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Temperature Range

Dry Temp Range:	-30°C To +90 °C
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Wet Temp Range:	-30°C To +75°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	9.1 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)
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MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
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NEC/(UL) Specification:	NEC/(UL) Specification
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Other Specification:	Other Specification
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EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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History

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