



Part Number: 27634A

600V Tray, (50) 12 AWG (7x20) BC, PVC-NYL/PVC, TC

Product Description

Fifty 12 AWG stranded (7x20) bare copper conductors, PVC/Nylon insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	12	7x20	BC - Bare Copper	50
No Ground				
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
38	Red
39	Blue
40	Orange
41	Yellow
42	Brown
43	Red/Black
44	Blue/Black
45	Orange/Black

46	Yellow/Black
47	Brown/Black
48	Black/Red
49	Blue/Red
50	Orange/Red

Stranding:

Lay Length

N mm

Outershield 1:

Material

Unshielded

Outerjacket 1:

Material

PVC - Polyvinyl Chloride

Nominal Diameter

1.3 in

Nominal Wall Thickness

0.08 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR

1.65 Ohm/1000ft

Current:

Max. Recommended Current [A]

16 Amps per conductor @ 25°C

Voltage:

UL Voltage Rating

600 V RMS

Use

Max Recommended Pulling Tension:

2600 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 Dry
Wet Temp Range:	-30°C To +75°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	13 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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