



**Part Number:** 1100A

600V Tray, (24 triads) 16 AWG (7x24) BC, PVC-NYL/PVC, Foil Shld

## Product Description

Twenty-four 16 AWG triads stranded (7x24) bare copper conductors, twisted triads, PVC/Nylon insulation, individually shielded plus an overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Triads
16	7x24	BC - Bare Copper	24
<b>Total Number of Conductors:</b>			72

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 2:

Number	Number
1	Black & White & Red and numbered 1
2	Black & White & Red and numbered 2
3	Black & White & Red and numbered 3
4	Black & White & Red and numbered 4
5	Black & White & Red and numbered 5
6	Black & White & Red and numbered 6
7	Black & White & Red and numbered 7
8	Black & White & Red and numbered 8
9	Black & White & Red and numbered 9
10	Black & White & Red and numbered 10
11	Black & White & Red and numbered 11
12	Black & White & Red and numbered 12
13	Black & White & Red and numbered 13
14	Black & White & Red and numbered 14
15	Black & White & Red and numbered 15
16	Black & White & Red and numbered 16
17	Black & White & Red and numbered 17
18	Black & White & Red and numbered 18
19	Black & White & Red and numbered 19
20	Black & White & Red and numbered 20
21	Black & White & Red and numbered 21
22	Black & White & Red and numbered 22
23	Black & White & Red and numbered 23
24	Black & White & Red and numbered 24

**Stranding:**

Lay Length	Twists
3 in	4 twist/ft

**Innershield:**

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	18	7x26 mm
				TC - Tinned Copper	

**Cabling 1:**

Lay Length
18.4 in

**Outershield 1:**

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	16	7x24 mm

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	1.434 in	0.085 in	Yes

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Inner Shield DCR	Nominal Outer Shield DCR
3.67 Ohm/1000ft	4.99 Ohm/1000ft	2.74 Ohm/1000ft

### 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:	3144 lbs

## Safety

CSA Flammability:	FT4
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:	14.3 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)
Other Specification:	Other Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

Notes:	Alternate color coding available upon request.
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