



**Part Number:** 1118A

600V Tray, (1 pr) 16 AWG (7x24) BC, PVC-NYL/PVC, Foil Shld, TC

## Product Description

One 16 AWG pair stranded (7x24) bare copper conductors, twisted pairs, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
16	7x24	BC - Bare Copper	1
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 1:

Number	Color
1	Black & Red

#### 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	18	7x26 mm

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.3 in	0.047 in	Yes

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
4.2 Ohm/1000ft	5.07 Ohm/1000ft

### Current:

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

### Inductance:

Nominal Inductance
0.2 µH/ft

### Voltage:

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

## Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	40 lbs

## Safety

CSA Flammability:	FT4
IEEE Flammability:	1202
UL Flammability:	UL1685 Vertical Tray Flame Test

## Temperature Range

Dry Temp Range:	-30°C To +90 °C
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<b>UL Temp Rating:</b>	75°C Dry +90°C Wet
<b>Wet Temp Range:</b>	-30°C To +75 °C

## Mechanical Characteristics

<b>Min Bend Radius/Minor Axis:</b>	3 in
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## Part Number

<b>Plenum (Y/N):</b>	No
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## Standards

<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	CA Prop 65 (CJ for Wire & Cable)
<b>MII Order #39 (China RoHS):</b>	MII Order #39 (China RoHS)
<b>NEC/(UL) Specification:</b>	NEC/(UL) Specification
<b>Other Specification:</b>	Other Specification
<b>EU Directive Compliance:</b>	EU Directive 2003/11/EC (BFR)
<b>EU CE Mark:</b>	EU CE Mark

## History

<b>Notes:</b>	Alternate color coding available upon request.
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## Product Variants

Part Number	Color	Put-Up Type	Length
1118A 01010000	BLACK	Reel	10000 ft

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