



**Part Number:** 3080A

600V Tray, (1 pr) 14 AWG (7x22) BC, PVC-NYL/PVC, Foil Shld, TC

## Product Description

One 14 AWG pair stranded (7x22) bare copper conductors, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
14	7x22	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 & White

#### Stranding:

Lay Length	Twists
3.75 in	3,2 twist/ft

## Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	16

## Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.33 in	0.048 in	Yes

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
2.3 Ohm/1000ft	2.4 Ohm/1000ft

### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
48 pF/ft	102 pF/ft

### Current:

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

### Inductance:

Nominal Inductance
0.18 $\mu$ H/ft

### 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:	160 lbs

## Safety

<b>C(UL) Flammability:</b>	FT4
<b>IEEE Flammability:</b>	1202
<b>UL Flammability:</b>	UL1685 UL Loading

## Temperature Range

<b>Operating Temp Range:</b>	-30°C To +90°C
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## Mechanical Characteristics

<b>Min Bend Radius/Minor Axis:</b>	3.3 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>Other Specification:</b>	Other Specification
<b>EU Directive Compliance:</b>	EU Directive 2003/11/EC (BFR)

## History

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