



**Part Number:** 1038A

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

## Product Description

Fifty 18 AWG pairs stranded (7x26) bare copper conductors, twisted pairs, 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 Pairs
18	7x26	BC - Bare Copper	50
<b>Total Number of Conductors:</b>			100

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 1:

Number	Color
1	Black & White Numbered 1
2	Black & White Numbered 2
3	Black & White Numbered 3
4	Black & White Numbered 4
5	Black & White Numbered 5

6	Black & White Numbered 6
7	Black & White Numbered 7
8	Black & White Numbered 8
9	Black & White Numbered 9
10	Black & White Numbered 10
11	Black & White Numbered 11
12	Black & White Numbered 12
13	Black & White Numbered 13
14	Black & White Numbered 14
15	Black & White Numbered 15
16	Black & White Numbered 16
17	Black & White Numbered 17
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44	Black & White Numbered 44
45	Black & White Numbered 45
46	Black & White Numbered 46

47	Black & White Numbered 47
48	Black & White Numbered 48
49	Black & White Numbered 49
50	Black & White Numbered 50

**Stranding:**

Lay Length	Twists
2.5 in	4.8 twist/ft

**Innershield:**

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	20	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	18	7x28 mm

**Outerjacket 1:**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	1.527 in	0.084 in	Yes

**Electrical Characteristics**

**Conductor DCR:**

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
7.46 Ohm/1000ft	5.86 Ohm/1000ft	3.8 Ohm/1000ft

**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:	2962 lbs
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## Safety

C(UL) 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:	15.3 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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