



**Part Number:** 1087A

600V Tray, (36 pr) 18 AWG (7x26) BC, PVC-NYL/PVC,  
Foil Shld, TC-ER

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## Product Description

Thirty-six 18 AWG pairs stranded (7x26) bare copper conductors, twisted pairs, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

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## Product Specifications

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## Technical Specifications

### Construction and Dimensions

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#### Conductor:

AWG	Stranding	Material	No. of Pairs
18	7x26	BC - Bare Copper	36
Total Number of Conductors:			72

#### 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
18	Black & White Numbered 18
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25	Black & White Numbered 25
26	Black & White Numbered 26
27	Black & White Numbered 27
28	Black & White Numbered 28
29	Black & White Numbered 29
30	Black & White Numbered 30
31	Black & White Numbered 31
32	Black & White Numbered 32
33	Black & White Numbered 33
34	Black & White Numbered 34
35	Black & White Numbered 35
36	Black & White Numbered 36

**Stranding:**

Lay Length
2.5 in
2.75 in

### Cabling 1:

Lay Length
13.8 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	7x26 mm

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	1.18 in	0.084 in	Yes

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
5.86 Ohm/1000ft	4.1 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:	1635 lbs

## 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:	11.7 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)
EU CE Mark:	EU CE Mark

History

Notes:	Alternate color coding available upon request.
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Product Variants

Part Number	Color	Put-Up Type	Length
1087A 0101250	BLACK	Reel	1250 ft
1087A 0105000	BLACK	Reel	5000 ft

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