



**Part Number:** 1053A

600V Tray, (24 pr) 18 AWG (7x26) BC, PVC-NYL/PVC, Foil Shld, TC-ER

## Product Description

Twenty-four 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	24
<b>Total Number of Conductors:</b>			48

#### 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
19	Black & White Numbered 19
20	Black & White Numbered 20
21	Black & White Numbered 21
22	Black & White Numbered 22
23	Black & White Numbered 23
24	Black & White Numbered 24

**Innershield:**

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

**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	1.09 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	5.07 Ohm/1000ft

## Current:

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

## 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:	685 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
UL Temp Rating:	75°C Dry +90°C Wet
Wet Temp Range:	-30°C To +75 °C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	10.9 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)
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<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
1053A 0102500	BLACK	Reel	2500 ft
1053A 0105000	BLACK	Reel	5000 ft

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