



**Part Number:** 3066A

600V Tray, (16 triad) 18 AWG (7x26) BC, PVC-NYL/PVC, Foil Shld, TC-ER

## Product Description

Sixteen 18 AWG triads stranded (7x26) bare copper conductors, twisted triads, 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 Triads
18	7x26	BC - Bare Copper	16
<b>Total Number of Conductors:</b>			48

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 1:

Number	Color
1	Black printed #1
2	Black printed #2
3	Black printed #3
4	Black printed #4
5	Black printed #5
6	Black printed #6
7	Black printed #7
8	Black printed #8
9	Black printed #9
10	Black printed #10
11	Black printed #11
12	Black printed #12
13	Black printed #13
14	Black printed #14
15	Black printed #15
16	Black printed #16

**Color Chart 2:**

Number	Number
1	Black & White & Red and numbered 1
2	Black & White & Red and numbered 2
3	Black & White & Red and numbered 3
4	Black & White & Red and numbered 4
5	Black & White & Red and numbered 5
6	Black & White & Red and numbered 6
7	Black & White & Red and numbered 7
8	Black & White & Red and numbered 8
9	Black & White & Red and numbered 9
10	Black & White & Red and numbered 10
11	Black & White & Red and numbered 11
12	Black & White & Red and numbered 12
13	Black & White & Red and numbered 13
14	Black & White & Red and numbered 14
15	Black & White & Red and numbered 15
16	Black & White & Red and numbered 16

**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	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	1.046 in	0.084 in	Yes

**Electrical Characteristics**

**Conductor DCR:**

Nominal Conductor DCR	Nominal Inner Shield DCR	Nominal Outer Shield DCR
5.86 Ohm/1000ft	7.11 Ohm/1000ft	5.52 Ohm/1000ft

**Current:**

Max. Recommended Current [A]
5 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:	1322 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:	10.5 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)

## History

Notes:	Triad groups are numbered for ease of identification. Alternate color coding available upon request.
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