



Part Number: 1093A

600V Tray, (4 triad) 18 AWG (7x26) BC, PVC-NYL/PVC, Foil Shld, TC-ER

Product Description

Four 18 AWG triads stranded (7x26) bare copper conductors, twisted triads, PVC/Nylon insulation, 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	4
Total Number of Conductors:			12

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

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

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	

Cabling 1:

Lay Length	Twists
6.97 in	1.72 twist/ft

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	0.577 in	0.063 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	4.47 Ohm/1000ft

Capacitance:

Element	Nom. Capacitance Conductor to Shield	Nom. Mutual Capacitance
Individual	43 pF/ft	37 pF/ft
Overall	30 pF/ft	

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:	347 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:	6 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:	Triad groups are numbered for ease of identification. Alternate color coding available upon request.
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Product Variants

Part Number	Color	Put-Up Type	Length
1093A 0107500	BLACK	Reel	7500 ft

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