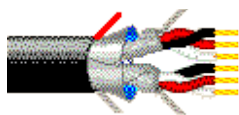


## 1093A Triad - 600V Tray Cable



For more Information  
please call

1-800-Belden1

**Description:**

18 AWG triads stranded (7x26) bare copper conductors, twisted triads, PVC/Nylon insulation, individually shielded plus an overall Beldfoil shield (100% coverage), PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Triads	AWG	Stranding	Conductor Material
4	18	7x26	BC - Bare Copper

**Insulation****Insulation Material:**

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

**Inner Shield****Inner Shield Material:**

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

**Inner Shield Drain Wire AWG:**

AWG
20

Inner Shield Drain Wire Stranding: 7x28

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

**Inner Shield Color Code Chart:**

Number	Color
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

**Outer Shield****Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

**Outer Shield Drain Wire AWG:**

AWG	Stranding	Drain Wire Conductor Material
18	7x26	TC - Tinned Copper

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.063

Outer Jacket Ripcord: Yes

**Overall Cable****Overall Cabling Lay Length & Direction:**

Length (in.)	Twists (ft.)
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6.970	1.72
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**Overall Cabling Color Code Chart:**

Number	Color
1	Black printed #1
2	Black printed #2
3	Black printed #3
4	Black printed #4

**Overall Nominal Diameter:** 0.577 in.

**Pair****Pair Lay Length & Direction:**

Lay Length (in.)	Twists/ft. (twist/ft)
2.500	4.800

**Mechanical Characteristics (Overall)**

<b>Wet Temperature Range:</b>	-30°C To +75°C
<b>Dry Temperature Range:</b>	-30°C To +90°C
<b>Bulk Cable Weight:</b>	180.300 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	347 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	6 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

<b>NEC/(UL) Specification:</b>	NPLF, TC
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	04/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes
<b>Other Specification:</b>	ICEA S-73-532, S-61-402

**Flame Test**

<b>UL Flame Test:</b>	UL1685 UL Loading
<b>C(UL) Flame Test:</b>	FT4
<b>IEEE Flame Test:</b>	1202

**Suitability**

<b>Suitability - Burial:</b>	Yes
<b>Sunlight Resistance:</b>	Yes

**Plenum/Non-Plenum**

<b>Plenum (Y/N):</b>	No
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**Electrical Characteristics (Overall)****Nom. Capacitance Conductor to Shield:**

Description	Capacitance (pF/ft)
Individual	43
Overall	30

**Nom. Mutual Capacitance:**

**Capacitance (pF/ft)**

37

**Nom. Conductor DC Resistance:****DCR @ 20°C (Ohm/1000 ft)**

5.86

**Nom. Inner Shield DC Resistance:****DCR @ 20°C (Ohm/1000 ft)**

7.11

**Nominal Outer Shield DC Resistance:****DCR @ 20°C (Ohm/1000 ft)**

4.47

**Max. Operating Voltage - UL:****Voltage**

600 V RMS (NEC Type TC)

150 V RMS (NPLF)

**Notes (Overall)**

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

**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1093A 0107500	7,500 FT	1,552.500 LB	BLACK	C Z	4 FS TRP #18 PVC/NYL FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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