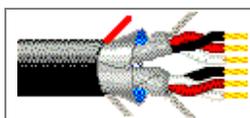


1094A Triad - 600V Tray Cable



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
8	18	7x26	BC - Bare Copper

Insulation:

Insulation Material

Ins 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
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

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	0.063

Outer Jacket Ripcord Yes

Overall Cabling:

Overall Cabling Lay Length & Direction

Length (in.)
9.11" (1.32 Twists/ft.)

Overall Cabling Color Code Chart

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

Overall Nominal Diameter: .745 in.

Pair:

Pair Lay Length & Direction

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

Mechanical Characteristics (Overall):

Wet Temperature Range	-30°C To +75°C
Dry Temperature Range	-30°C To +90°C
Bulk Cable Weight:	311.500 lbs/1000 ft.
Max. Recommended Pulling Tension:	672 lbs.
Min. Bend Radius (Install)/Minor Axis:	7.500 in.

Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:

NEC/UL Specification	NPLF, TC, UL 1277
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	04/01/2005
Other Specification	ICEA S-73-532, S-61-402

Flame Test:

UL Flame Test	UL1685 UL Loading
C(UL) Flame Test	FT4
IEEE Flame Test	1202
ICEA Flame Test	T-29-520

Suitability:

Suitability - Burial	Yes
Sunlight Resistance	Yes

Plenum/Non-Plenum:

Plenum (Y/N)	N
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Electrical Characteristics (Overall):

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
5.860

Nom. Inner Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
7.110

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Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
4.220

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.

PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
1094A 0105000	5,000 FT	1,755.000 LB	BLACK	C Z	8 FS TRP #18 PVC/NYL FS PVC BLK

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.

Revision Number: 1 Revision Date: 05-14-2007

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