# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



1095A Triad - 600V Tray Cable

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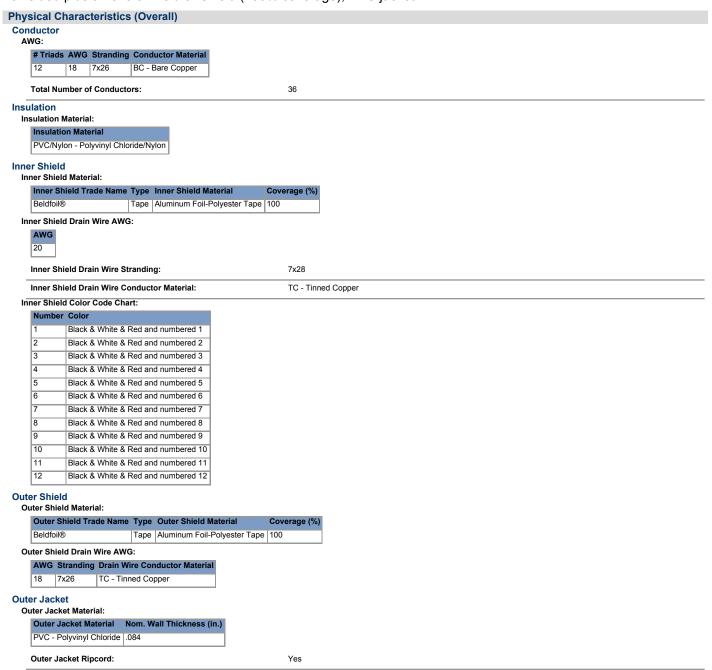
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1-800-Belden1



#### **General 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.



**Overall Cable** 

Overall Cabling Lay Length & Direction:

Length (in.) Twists (twist/ft)

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11.000 1.09

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
9	Black printed #9
10	Black printed #10
11	Black printed #11
12	Black printed #12

**Overall Nominal Diameter:** 

0.944 in.

NPLF, TC-ER

Pair Lay Length & Direction:

NEC/(UL) Specification:

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

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Wet Temperature Range:	-30°C To +75°C	
Dry Temperature Range:	-30°C To +90°C	
Bulk Cable Weight:	480 lbs/1000 ft.	
Max. Recommended Pulling Tension:	997 lbs.	
Min. Bend Radius/Minor Axis:	9.750 in.	

# **Applicable Specifications and Agency Compliance (Overall)**

**Applicable Standards & Environmental Programs** 

EU Directive 2011/65/EU (ROHS II):	Yes	
EU CE Mark:	Yes	
EU Directive 2000/53/EC (ELV):	Yes	
EU Directive 2002/95/EC (RoHS):	Yes	
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005	
EU Directive 2002/96/EC (WEEE):	Yes	
EU Directive 2003/11/EC (BFR):	Yes	
CA Prop 65 (CJ for Wire & Cable):	Yes	
MII Order #39 (China RoHS):	Yes	
Other Specification:	ICEA S-73-532, S-61-402	
ame Test		
UL Flame Test:	UL 1685 UL Loading	

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	UL Flame Test:	UL1685 UL Loading
	C(UL) Flame Test:	FT4
	IEEE Flame Test:	1202
Suitability		
	Suitability - Burial:	Yes
	Sunlight Resistance:	Yes
Ple	num/Non-Plenum	

No

## **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Shield:

Description	Capacitance (pF/ft)		
Individual	43		
Overall	30		

Nom. Mutual Capacitance:

Plenum (Y/N):

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Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

600 V RMS (NEC Type TC)

150 V RMS (NPLF) Max. Recommended Current:

> Current 5 Amps per conductor @ 25°C

#### 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	Color	Notes	Item Desc
1095A 0102500	2,500 FT	1,320.000 LB	BLACK	CZ	18/12 TR VNTC IS/OS 600V
1095A 0104000	4,000 FT	2,112.000 LB	BLACK		12 FS TRP #18 PVC/NYL FS PVC
1095A 0105000	5,000 FT	2,975.000 LB	BLACK	CZ	12 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.

Revision Number: 1 Revision Date: 02-13-2014

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).