## **Detailed Specifications & Technical Data**

## **ENGLISH MEASUREMENT VERSION**



## 1098A Triad - 600V Tray Cable



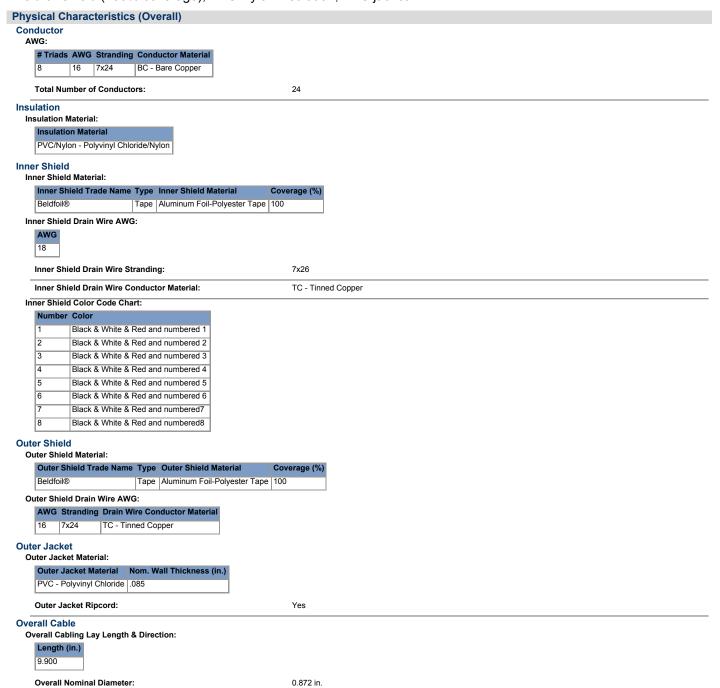
For more Information please call

1-800-Belden1



## **General Description:**

16 AWG triads stranded (7x24) bare copper conductors, twisted triads, individually shielded plus an overall Beldfoil shield (100% coverage), PVC/Nylon insulation, PVC jacket.



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Pair

Pair Lay Length & Direction:

Lay Length (in.)	Lay Length	Lay Length (in.)	Twists (twist/ft)	
	4.0	3.0	4.0	

wechanicai	Characteristics	(Overall)

Wet Temperature Range:	-30°C To +75°C
Dry Temperature Range:	-30°C To +90°C
Bulk Cable Weight:	499.800 lbs/1000 ft.
Max. Recommended Pulling Tension:	1072 lbs.
Min. Bend Radius/Minor Axis:	8.700 in.

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

NEC/(UL) S	pecification:	NPLF, TC-ER
EU Directiv	e 2011/65/EU (ROHS II):	Yes
EU CE Mar	k:	Yes
EU Directive 2000/53/EC (ELV):		Yes
EU Directiv	e 2002/95/EC (RoHS):	Yes
EU RoHS C	ompliance Date (mm/dd/yyyy):	04/01/2005
EU Directiv	e 2002/96/EC (WEEE):	Yes
EU Directiv	e 2003/11/EC (BFR):	Yes
CA Prop 65	(CJ for Wire & Cable):	Yes
MII Order #	39 (China RoHS):	Yes
Other Spec	ification:	ICEA S-73-532, S-61-402
Flame Test		
UL Flame 1	'est:	UL1685 UL Loading
CSA Flame	Test:	FT4
IEEE Flame	Test:	1202
Suitability		

	•		
	Suitability - Indoor:	Yes	
	Suitability - Outdoor:	Yes	
	Suitability - Burial:	Yes	
	Sunlight Resistance:	Yes	
Ple	Plenum/Non-Plenum		

## Plenum (Y/N):

No

## **Electrical Characteristics (Overall)**

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nom. Inner Shield DC Resistance:

Description DCR @ 20°C (Ohm/1000 ft) 4.99

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)

## Notes (Overall)

Notes: Alternate color coding available upon request.

## **Put Ups and Colors:**

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
1098A 0102000	2,000 FT	1,014.000 LB	BLACK	CZ	8 FS TRP #16 PVC/NYL FS PVC
1098A 0102500	2,500 FT	1,280.000 LB	BLACK	CZ	16/8 TR VNTC IS/OS 600V
1098A 0105000	5,000 FT	2,600.000 LB	BLACK		8 FS TRP #16 PVC/NYL FS PVC
1098A 0107500	7,500 FT	4,177.500 LB	BLACK		8 FS TRP #16 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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product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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