Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1097A Triad - 600V Tray Cable

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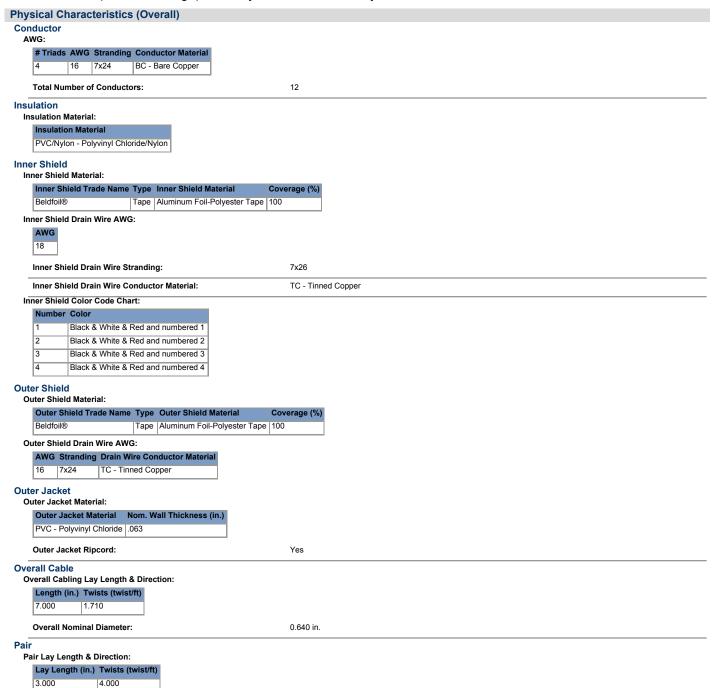
For more Information please call

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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Wet Temperature Range:	-30°C To +75°C	-30°C To +75°C -30°C To +90°C 254.700 lbs/1000 ft.		
Dry Temperature Range:	-30°C To +90°C			
Bulk Cable Weight:	254.700 lbs/1000 ft.			
Max. Recommended Pulling Tension:	554 lbs.			
Min. Bend Radius/Minor Axis:	6.400 in.			

Applicable Specifications and Agency Compliance (Overall)

Applicable etailaarae a Elivironiiontai i regianie				
NEC/(UL) Specification:	NPLF, TC-ER			
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			
Flame Test				
UL Flame Test:	UL1685 UL Loading			
CSA Flame Test:	FT4			
IEEE Flame Test:	1202			
Suitability				
Suitability - Indoor:	Yes			
Suitability - Outdoor:	Yes			
Suitability - Burial:	Yes			
Sunlight Resistance:	Yes			

No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

Plenum/Non-Plenum Plenum (Y/N):

> DCR @ 20°C (Ohm/1000 ft) 3.67

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) 3.07

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:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1097A 0105000	5,000 FT	1,340.000 LB	BLACK	CZ	4 FS TRP #16 PVC/NYL FS PVC

Notes:

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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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