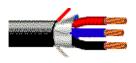
Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

1119A Triad - 600V Tray Cable



For more Information please call

1-800-Belden1



General Description:

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

Physical Characteristics (Overall)	
Conductor	
AWG:	
# Triads AWG Stranding Conductor Material 1 16 7x24 BC - Bare Copper	
1 16 7x24 BC - Bare Copper	
Total Number of Conductors:	3
Insulation Insulation Material:	
Insulation Material	
PVC/Nylon - Polyvinyl Chloride/Nylon	
Inner Shield	
Inner Shield Material:	
Inner Shield Trade Name Type Inner Shield	
Beldfoil® Tape Aluminum Foi	il-Polyester Tape 100
Inner Shield Drain Wire AWG:	
AWG	
18	
Inner Shield Drain Wire Stranding:	7x26
Inner Shield Drain Wire Conductor Mate	rial: TC - Tinned Copper
Inner Shield Color Code Chart:	
Number Color	
1 Black & Red & Blue	
Outer Shield	
Outer Shield Material:	
Outer Shield Material	
Unshielded	
Outer Jacket	
Outer Jacket Material:	
Outer Jacket Material Nom. Wall Thickness	s (mm)
PVC - Polyvinyl Chloride 1.1938	
Outer Jacket Ripcord:	Yes
Overall Cable	
Overall Nominal Diameter:	7.874 mm
Mechanical Characteristics (Overall)	
Wet Temperature Range:	-30°C To +75°C
Dry Temperature Range:	-30°C To +90°C
Bulk Cable Weight:	99.709 Kg/Km
· · · · · · · · · · · · · · · · · · ·	v

Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



1119A Triad - 600V Tray Cable

Max. Recommended Pulling Tension:	573.818 N					
Min. Bend Radius/Minor Axis:	3.740 mm					
opplicable Specifications and Agency C	ompliance (Overall)					
Applicable Standards & Environmental Prog	yrams					
NEC/(UL) Specification:	TC, NPLF, UL 1277					
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					
ICEA Flame Test:	T-29-520					
Suitability						
Suitability - Indoor:	Yes					
Suitability - Outdoor:	Yes					
Suitability - Burial:	Yes					
Sunlight Resistance:	Yes					
Plenum/Non-Plenum						
Plenum (Y/N):	No					
Electrical Characteristics (Overall)						
Nom. Conductor DC Resistance:						
DCR @ 20°C (Ohm/km)						
12.0413						
Nominal Outer Shield DC Resistance:						
DCR @ 20°C (Ohm/km) 16.3722						
Max. Operating Voltage - UL:						
Voltage						
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
1119A 0101000	305 MT	30.844 KG	BLACK	CZ	3 #16 PVC/NYL FS PVC

Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



1119A Triad - 600V Tray Cable

1119A 01010000	3,048 MT	317.516 KG	BLACK	CZ	3 #16 PVC/NYL FS PVC
1119A 010500	152 MT	15.876 KG	BLACK	CZ	3 #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: 12-19-2012

© 2013 Belden, Inc All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the 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.