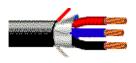
# **Detailed Specifications & Technical Data**



### ENGLISH MEASUREMENT VERSION

## 1119A Triad - 600V Tray Cable



For more Information please call

1-800-Belden1



### **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					
Insulation Insulation Material:					
Insulation 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:					
<b>AWG</b> 18					
Inner Shield Drain Wire Stranding:	7x26				
Inner Shield Drain Wire Conductor Material:	TC - Tinned Copper				
Inner Shield Color Code Chart:					
NumberColor1Black & Red & Blue					
Outer Shield					
Outer Shield Material:					
Outer Shield Material					
Unshielded					
Outer Jacket					
Outer Jacket Material:					
Outer Jacket Material Nom. Wall Thickness (in.)   PVC - Polyvinyl Chloride .047					
Outer Jacket Ripcord:	Yes				
Overall Cable					
Overall Nominal Diameter:	0.310 in.				
Mechanical Characteristics (Overall)					
Wet Temperature Range:	-30°C To +75°C				
Dry Temperature Range:	-30°C To +90°C				
Bulk Cable Weight:	67 lbs/1000 ft.				
Max. Recommended Pulling Tension:	129 lbs.				

# **Detailed Specifications & Technical Data**

ENGLISH MEASUREMENT VERSION



## 1119A Triad - 600V Tray Cable

Min. Bend Radius (Install)/Minor Axis:	3.100 in.
pplicable Specifications and Agency C	ompliance (Overall)
Applicable Standards & Environmental Prog	jrams
NEC/(UL) Specification:	TC, NPLF, UL 1277
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/1000 ft) 3.67	
Nominal Outer Shield DC Resistance:	
DCR @ 20°C (Ohm/1000 ft) 4.99	
Max. Operating Voltage - UL:	
Voltage 600 V RMS (NEC Type TC)	
150 V RMS (NPLF)	

## Notes (Overall)

Notes: Alternate color coding available upon request.

#### **Related Documents:**

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1119A 0101000	1,000 FT	68.000 LB	BLACK	CZ	3 #16 PVC/NYL FS PVC

# **Detailed Specifications & Technical Data**

#### ENGLISH MEASUREMENT VERSION



#### 1119A Triad - 600V Tray Cable

1119A 01010000	10,000 FT	700.000 LB	BLACK	CZ	3 #16 PVC/NYL FS PVC
1119A 010500	500 FT	35.000 LB	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 Date: 05-14-2007 Revision Number: 1

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