# **Detailed Specifications & Technical Data**



ENGLISH MEASUREMENT VERSION

### 1036A Triad - 300V Power-Limited Tray Cable



For more Information please call

1-800-Belden1



### **General Description:**

18 AWG triads stranded (7x26) bare copper conductors, twisted triads, PVC insulation, overall Beldfoil shield (100% coverage), PVC jacket.

Physical Characteristics (Overall)				
Conductor				
AWG:				
# Triads AWG Stranding Conductor Material				
1 18 7x26 BC - Bare Copper				
Total Number of Conductors:	3			
Insulation				
Insulation Material:				
Insulation Material Wall Thickness (in.)   PVC - Polyvinyl Chloride 0.016				
Insulation Color Code Chart:				
Number Color				
1 Black & White & Red				
Outer Shield				
Outer Shield Material:				
Outer Shield Trade Name Type Outer Shield Mate				
Beldfoil® Tape Aluminum Foil-Pol	yester Tape 100			
Outer Shield Drain Wire AWG:				
AWG Stranding Drain Wire Conductor Material   20 7x28 TC - Tinned Copper				
20 7x28 TC - Tinned Copper				
Outer Jacket				
Outer Jacket Material: Outer Jacket Material Nom. Wall Thickness (in.)				
Outer Jacket Material Nom. Wall Thickness (in.) PVC - Polyvinyl Chloride .037				
Outer Jacket Ripcord:	Yes			
Overall Cable				
Overall Nominal Diameter:	0.245 in.			
Mechanical Characteristics (Overall)				
Operating Temperature Range:	-30°C To +105°C			
Bulk Cable Weight:	41.600 lbs/1000 ft.			
Max. Recommended Pulling Tension:	39 lbs.			
Min. Bend Radius/Minor Axis:	2.450 in.			
Applicable Specifications and Agency C	Compliance (Overall)			
Applicable Standards & Environmental Pro				
NEC/(UL) Specification:	CMG, ITC, PLTC			
CEC/C(UL) Specification:	CMG			

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AWM Specification:	UL Style 2464 (300 V 80°C)				
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				
lame 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				
Plenum/Non-Plenum					
Plenum (Y/N):	No				

#### Surface Printing (Overall)

#### **Electrical Characteristics (Overall)**

#### Nom. Inductance:

Inductance (µH/ft)

.17

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

50

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.860

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.07

Max. Operating Voltage - UL:

Voltage Description

300 V RMS PLTC, CMG 150 V RMS ITC

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1036A 0061000	1,000 FT	40.000 LB	BLUE, LIGHT	С	3 #18 PVC FS PVC
1036A 00610000	10,000 FT	420.000 LB	BLUE, LIGHT	С	3 #18 PVC FS PVC
1036A 0065000	5,000 FT	200.000 LB	BLUE, LIGHT	CZ	3 #18 PVC FS PVC
1036A 0101000	1,000 FT	40.000 LB	BLACK	С	3 #18 PVC FS PVC
1036A 01010000	10,000 FT	430.000 LB	BLACK	CZ	3 #18 PVC FS PVC



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1036A 0105000	5,000 FT	205.000 LB	BLACK	CZ	3 #18 PVC 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.

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