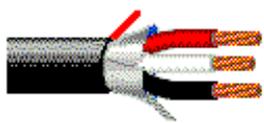


## 1036A Triad - 300V Power-Limited Tray Cable

 	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p>Related Documents : ICEA Table E1.pdf</p>
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### Description:

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

### PHYSICAL CHARACTERISTICS:

#### CONDUCTOR:

Number of Triads	1
Total Number of Conductors	3
AWG	18
Stranding	7x26
Conductor Material	BC - Bare Copper

#### INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
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#### OVERALL CABLING:

Overall Cabling Color Code Chart :

Number	Color
1	Black & White & Red

#### OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

#### OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	20
Outer Shield Drain Wire Stranding	7x28
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

#### OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.037 in.
Outer Jacket Ripcord	Yes

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

### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.236 in.
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### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +105°C
Bulk Cable Weight	41.6 lbs/1000 ft.
Max. Recommended Pulling Tension	90 lbs.
Min. Bend Radius (Install)	2.4 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

NEC/(UL) Specification	PLTC, ITC, CMG
CEC/C(UL) Specification	CMG
AWM Specification	UL Style 2464 (300 V 80°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

#### FLAME TEST:

CSA Flame Test	FT4
IEEE Flame Test	1202
ICEA Flame Test	T-29-520

#### SUITABILITY:

Suitability - Burial	Yes
Sunlight Resistance	Yes

#### PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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### ELECTRICAL CHARACTERISTICS:

Nom. Inductance	.17 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	50 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C :	

Description	Nom. Conductor DC Resistance @ 20 Deg. C (Ohms/1000 ft)
18 AWG	5.86

Nominal Outer Shield DC Resistance	5.07 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS

### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1036A 0101000	3 #18 PVC FS PVC	1000	43	BLACK	C

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

1036A 01010000	3 #18 PVC FS PVC	10000	430	BLACK	C Z
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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: 09-21-2005

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