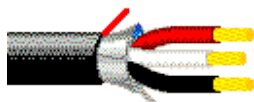


## 1031A Triad - 300V Power-Limited Tray Cable



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 insulation, PVC jacket.

**Physical Characteristics (Overall)****Conductor**

AWG:

# Conductors	# Triads	AWG	Stranding	Conductor Material
1	1	16	7x24	BC - Bare Copper

**Insulation**

Insulation Material:

Insulation Material
PVC - Polyvinyl Chloride

**Inner Shield**

Inner Shield Color Code Chart:

Number	Color
1	Black & Red & White and Numbered

**Outer Shield**

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
18	7x26	TC - Tinned Copper

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.037

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 0.271 in.

**Pair**

Pair Lay Length & Direction:

Twists/ft. (twist/ft)
6

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -30°C To +105°C

Bulk Cable Weight: 58.300 lbs/1000 ft.

Max. Recommended Pulling Tension: 129 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.700 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 105°C)
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

### Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4
IEEE Flame Test:	1202

### Suitability

Sunlight Resistance:	Yes
----------------------	-----

### Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

## Surface Printing (Overall)

## Electrical Characteristics (Overall)

### Nom. Inductance:

Inductance (μH/ft)

.156

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

54.1

### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

97.3

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

3.7

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.9

### Max. Operating Voltage - UL:

Voltage

300 V RMS

## Notes (Overall)

**Notes:** Alternate color coding available upon request.

## Related Documents:

No related documents are available for this product

## 1031A Triad - 300V Power-Limited Tray Cable

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1031A 0061000	1,000 FT	57.000 LB	BLUE, LIGHT	C	3 #16 PVC FS PVC
1031A 00610000	10,000 FT	590.000 LB	BLUE, LIGHT	C	3 #16 PVC FS PVC
1031A 0101000	1,000 FT	58.000 LB	BLACK	C	3 #16 PVC FS PVC
1031A 01010000	10,000 FT	600.000 LB	BLACK	C Z	3 #16 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.

Revision Number: 1    Revision Date: 03-04-2009

© 2012 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.