

## 9365 Triad - 300V Power-Limited Tray Cable

For more Information  
please call

1-800-Belden1

**General Description:**

18 AWG triads stranded (19x30) tinned 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	19x30	TC - Tinned Copper

Total Number of Conductors: 3

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

**Insulation Color Code Chart:**

Number	Color
1	Black & White & Red

**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
20	19x32	TC - Tinned Copper

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.9398

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 6.223 mm

**Mechanical Characteristics (Overall)**

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

Bulk Cable Weight: 58.040 Kg/Km

Max. Recommended Pulling Tension: 173.480 N

Min. Bend Radius/Minor Axis: 63.500 mm

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMG, ITC-ER, PLTC-ER

CEC/C(UL) Specification: CMG

## 9365 Triad - 300V Power-Limited Tray Cable

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
-----------------------------	-----

**Flame Test**

UL Flame Test:	UL1685 UL Loading
----------------	-------------------

CSA Flame Test:	FT4
-----------------	-----

IEEE Flame Test:	1202
------------------	------

**Suitability**

Suitability - Burial:	Yes
-----------------------	-----

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

**Plenum/Non-Plenum**

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

**Surface Printing (Overall)**

Surface Printing:	LEGEND: BELDEN 9365 E34972 1TRD18 (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMG----FT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET
-------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Electrical Characteristics (Overall)****Nom. Characteristic Impedance:**

Impedance (Ohm)
45

**Nom. Inductance:**

Inductance (µH/m)
0.55777

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)
177.174

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

Capacitance (pF/m)
331.381

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)
19.227

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/km)
31.170

**Max. Operating Voltage - UL:**

Voltage	Description
300 V RMS	PLTC, CMG
150 V RMS	ITC

**Put Ups and Colors:**

## 9365 Triad - 300V Power-Limited Tray Cable

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9365 060U1000	1,000 FT	49.000 LB	CHROME		3 #18 PVC FS PVC
9365 060U500	500 FT	21.500 LB	CHROME		3 #18 PVC FS PVC
9365 0601000	1,000 FT	50.000 LB	CHROME	C	3 #18 PVC FS PVC
9365 0602500	2,500 FT	105.000 LB	CHROME	Z	3 #18 PVC FS PVC
9365 0605000	5,000 FT	215.000 LB	CHROME	C	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.

Revision Number: 5    Revision Date: 05-17-2015

© 2019 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 2014/35/EU).