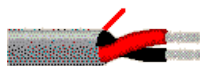


## 9412 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1

**General Description:**

12 AWG pairs stranded (65x30) tinned copper conductors, twisted pairs, PVC insulation, unshielded, PVC jacket.

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

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	12	65x30	TC - Tinned Copper

Total Number of Conductors: 2

**Insulation**

Insulation Material:

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	.143

**Outer Shield**

Outer Shield Material:

Outer Shield Material
Unshielded

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.042

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 0.370 in.

**Pair**

Pair Color Code Chart:

Number	Color
1	Black & Red

**Mechanical Characteristics (Overall)**

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

Bulk Cable Weight: 76 lbs/1000 ft.

Max. Recommended Pulling Tension: 197 lbs.

Min. Bend Radius/Minor Axis: 3.750 in.

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

NEC/(UL) Specification: CL3R, ITC-ER, PLTC-ER

EU Directive 2011/65/EU (ROHS II): Yes

IEEE Specification: 1202

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

## 9412 Multi-Conductor - 300V Power-Limited Tray Cable

MII Order #39 (China RoHS): Yes

## Flame Test

UL Flame Test: UL1685 UL Loading

C(UL) Flame Test: FT4

## Suitability

Sunlight Resistance: Yes

## Plenum/Non-Plenum

Plenum (Y/N): No

## Surface Printing (Overall)

Surface Printing: BELDEN 9412 E34972 1PR12 (UL) CL3R 105C OR PLTC OR ITC SUN RES OR AWM 2464 80C 300V - - FT4 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET

## Electrical Characteristics (Overall)

## Nom. Inductance:

 Inductance (µH/ft)  
 .18

## Nom. Capacitance Conductor to Conductor:

 Capacitance (pF/ft)  
 25

## Nom. Conductor DC Resistance:

 DCR @ 20°C (Ohm/1000 ft)  
 1.8

## Max. Operating Voltage - UL:

 Voltage  
 300 V RMS

## Max. Operating Voltage - Other:

Voltage	Description
25 KV RMS	Nominal breakdown voltage between conductors

## Max. Recommended Current:

 Current  
 17 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9412 0601000	1,000 FT	84.000 LB	CHROME	C	2 #12 PVC PVC
9412 0602500	2,500 FT	207.500 LB	CHROME	Z	2 #12 PVC PVC
9412 060500	500 FT	42.000 LB	CHROME	C	2 #12 PVC 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: 2 Revision Date: 05-17-2015

 © 2017 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).