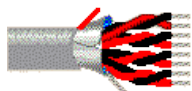


## 9527 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1

**General Description:**

22 AWG pairs stranded (7x30) tinned copper conductors, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

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

AWG:

# Pairs	AWG	Stranding	Conductor Material
27	22	7x30	TC - Tinned Copper

Total Number of Conductors: 54

**Insulation**

Insulation Material:

Insulation Material	Dia. (in.)
F-R PVC - Flame Retardant Polyvinyl Chloride	.062

**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
22	7x30	TC - Tinned Copper

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
F-R PVC - Flame Retardant Polyvinyl Chloride	.063

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 0.763 in.

**Pair**

Pair Color Code Chart:

Number	Color
1	Black & Red and Numbered
2	Black & Red and Numbered
3	Black & Red and Numbered
4	Black & Red and Numbered
5	Black & Red and Numbered
6	Black & Red and Numbered
7	Black & Red and Numbered
8	Black & Red and Numbered
9	Black & Red and Numbered
10	Black & Red and Numbered
11	Black & Red and Numbered
12	Black & Red and Numbered
13	Black & Red and Numbered
14	Black & Red and Numbered
15	Black & Red and Numbered
16	Black & Red and Numbered
17	Black & Red and Numbered
18	Black & Red and Numbered
19	Black & Red and Numbered
20	Black & Red and Numbered
21	Black & Red and Numbered
22	Black & Red and Numbered

## 9527 Multi-Conductor - 300V Power-Limited Tray Cable

23	Black & Red and Numbered
24	Black & Red and Numbered
25	Black & Red and Numbered
26	Black & Red and Numbered
27	Black & Red and Numbered

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-30°C To +105°C
UL Temperature Rating:	105°C
Bulk Cable Weight:	280 lbs/1000 ft.
Max. Recommended Pulling Tension:	500 lbs.
Min. Bend Radius/Minor Axis:	7.500 in.

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

NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Specification:	CMG
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 FT4 Loading
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

**Suitability**

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Sunlight Resistance:	Yes

**Plenum/Non-Plenum**

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

**Surface Printing (Overall)****Electrical Characteristics (Overall)****Nom. Inductance:**

Inductance (µH/ft)

.21

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)

26

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

Capacitance (pF/ft)

45

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

15

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

15

**Max. Operating Voltage - UL:**

Voltage

9527 Multi-Conductor - 300V Power-Limited Tray Cable

300 V RMS

Max. Recommended Current:

Current

2.4 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9527 0601000	1,000 FT	312.000 LB	CHROME	C Z	27 PR #22 PVC SHLD PVC
9527 060500	500 FT	152.000 LB	CHROME	C	27 PR #22 PVC SHLD 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: 10-23-2014

© 2015 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.