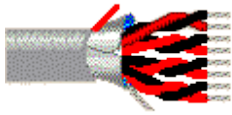


## 9527 Multi-Conductor - 300V Power-Limited Tray Cable

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

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

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
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)

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

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	PLTC, ITC, CMG
<b>CEC/C(UL) Specification:</b>	CMG
<b>EU Directive 2011/65/EU (ROHS II):</b>	Yes
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	04/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

#### Flame Test

<b>UL Flame Test:</b>	UL1685 FT4 Loading
<b>C(UL) Flame Test:</b>	FT4
<b>IEEE Flame Test:</b>	1202
<b>ICEA Flame Test:</b>	T-29-520

#### Suitability

<b>Suitability - Indoor:</b>	Yes
<b>Suitability - Outdoor:</b>	Yes
<b>Sunlight Resistance:</b>	Yes

#### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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### 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

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	307.000 LB	CHROME	C Z	27 PR #22 PVC SHLD PVC
9527 060500	500 FT	149.500 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.

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