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please call

1-800-Belden1



### General Description:

14 AWG pairs stranded (42x30) tinned copper conductors, twisted pairs, overall Beldfoil® shield (100% coverage), PVC insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
1	14	42x30	TC - Tinned Copper

Total Number of Conductors: 2

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)	Dia. (mm)
PVC - Polyvinyl Chloride	0.559	3.023

#### 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
16	19x29	TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.0668

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 8.255 mm

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & Red

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 99.709 Kg/Km

Max. Recommended Pulling Tension: 284.685 N

Min. Bend Radius/Minor Axis: 82.550 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

## 9314 Multi-Conductor - 300V Power-Limited Tray Cable

**AWM Specification:** UL Style 2464 (300 V 105°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

**Sunlight Resistance:** Yes

### Plenum/Non-Plenum

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

### Surface Printing (Overall)

**Surface Printing:** BELDEN 9314 E34972 1PR14 SHIELDED (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/m)**  
0.59058

#### Nom. Capacitance Conductor to Conductor:

**Capacitance (pF/m)**  
88.587

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

**Capacitance (pF/m)**  
177.174

#### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/km)**  
8.5306

#### Nominal Outer Shield DC Resistance:

**DCR @ 20°C (Ohm/km)**  
14.436

#### Max. Operating Voltage - UL:

**Voltage**  
300 V RMS

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9314 060U500	500 FT	34.500 LB	CHROME		2 #14 PVC SH PVC
9314 0601000	1,000 FT	70.000 LB	CHROME	C	2 #14 PVC SH PVC
9314 0605000	5,000 FT	350.000 LB	CHROME	C Z	2 #14 PVC SH PVC

Notes:

## METRIC MEASUREMENT VERSION

### 9314 Multi-Conductor - 300V Power-Limited Tray Cable

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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