



For more Information  
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
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

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

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
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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## Surface Printing (Overall)

### 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:

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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