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please call

1-800-Belden1



### General Description:

14 AWG pairs stranded (42x30) tinned copper conductors, twisted pairs, unshielded, 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 (in.)
PVC - Polyvinyl Chloride	0.022

#### 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: 0.322 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: 56 lbs/1000 ft.

Max. Recommended Pulling Tension: 64 lbs.

Min. Bend Radius/Minor Axis: 3.200 in.

### 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 80°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

## 9411 Multi-Conductor - 300V Power-Limited Tray Cable

MII Order #39 (China RoHS): Yes

### Flame Test

UL Flame Test: UL 1666 Riser

CSA 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)

Surface Printing: BELDEN 9411 E34972 1PR14 (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)

27

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.520

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9411 060U500	500 FT	30.500 LB	CHROME		2 #14 PVC PVC
9411 0601000	1,000 FT	65.000 LB	CHROME	C	2 #14 PVC PVC
9411 0602500	2,500 FT	155.000 LB	CHROME	Z	2 #14 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.

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