



For more Information  
please call

1-800-Belden1



### General Description:

12 AWG pairs stranded (65x30) tinned copper conductors, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	12	65x30	TC - Tinned Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	.143

#### 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
14	19x27	TC - Tinned Copper

#### 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: 0.373 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: 92 lbs/1000 ft.

Max. Recommended Pulling Tension: 225 lbs.

Min. Bend Radius/Minor Axis: 3.750 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

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

## 9312 Multi-Conductor - 300V Power-Limited Tray Cable

CA Prop 65 (CJ for Wire & Cable):	Yes
MIL 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/ft)
.18

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
25

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

Capacitance (pF/ft)
49

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.8

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
30

#### Max. Operating Voltage - UL:

Voltage
300 V RMS

#### Max. Recommended Current:

Current
17 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9312 0601000	1,000 FT	96.000 LB	CHROME	C	2 #12 PVC SHLD PVC
9312 060500	500 FT	49.000 LB	CHROME	C	2 #12 PVC SHLD PVC

#### Notes:

C = CRATE REEL PUT-UP.

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