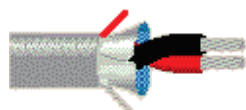


## 9312 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1



### 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

#### 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 Cabling

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 (Install)/Minor Axis: 3.750 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

EU CE Mark: Yes

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

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
MIL Order #39 (China RoHS):	Yes

### Flame Test

UL Flame Test:	UL1685 UL Loading
CSA Flame Test:	FT4
IEEE Flame Test:	1202
ICEA Flame Test:	T-29-520

### 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.

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

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