

## 9343 Multi-Conductor - 600V Tray Cable



For more Information  
please call

1-800-Belden1

**Description:**

14 AWG pairs stranded (42x30) tinned copper conductors, twisted pairs, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage), 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
PVC/Nylon - Polyvinyl Chloride/Nylon

**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	19x26	TC - Tinned Copper

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.2192

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 9.093 mm

**Pair****Pair Color Code Chart:**

Number	Color
1	Black & Red

**Pair Lay Length & Direction:**

Lay Length (mm)	Twists (twist/m)
95.25	10.499

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -30°C To +90°C

Bulk Cable Weight: 120.544 Kg/Km

Max. Recommended Pulling Tension: 711.712 N

Min. Bend Radius/Minor Axis: 95.250 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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
Other Specification:	ICEA S-73-532, S-61-402

### Flame Test

UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

### Suitability

Suitability - Burial:	Yes
Sunlight Resistance:	Yes

### Plenum/Non-Plenum

Plenum (Y/N):	No
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## Electrical Characteristics (Overall)

### Nom. Inductance:

Inductance (μH/m)
0.59058

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
164.05

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

Capacitance (pF/m)
334.662

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
8.5306

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
7.8744

### Max. Operating Voltage - UL:

Voltage
600 V RMS (NEC Type TC)
150 V RMS (NPLF)

### Max. Recommended Current:

Current
25 Amps per conductor @ 25°C

## Notes (Overall)

**Notes:** Alternate color coding available upon request.

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## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9343 0101000	305 MT	39.009 KG	BLACK	C	2 #14 PVC/NYL SHLD PVC
9343 010500	152 MT	19.278 KG	BLACK	C	2 #14 PVC/NYL SHLD PVC

**Notes:**

C = CRATE REEL PUT-UP.

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