

9343 Multi-Conductor - 600V Tray Cable



For more Information
please call

1-800-Belden1

**General 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

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**

NEC(UL) Specification: NPLF, TC, THHN/THWN Singles

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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
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.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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METRIC MEASUREMENT VERSION

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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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