

## 9342 Multi-Conductor - 600V Tray Cable



For more Information  
please call

1-800-Belden1

**General Description:**

16 AWG pairs stranded (19x29) 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	16	19x29	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
16	19x29	TC - Tinned Copper

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.047

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 0.294 in.

**Pair**

Pair Color Code Chart:

Number	Color
1	Black & Red

**Mechanical Characteristics (Overall)**

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 56 lbs/1000 ft.

Max. Recommended Pulling Tension: 40 lbs.

Min. Bend Radius/Minor Axis: 3 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification: NPLF, TC

EU Directive 2011/65/EU (ROHS II): 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

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CA Prop 65 (CJ for Wire & Cable):	Yes
MIL 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/ft)
.20

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
50

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

Capacitance (pF/ft)
87

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.200

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.200

## Max. Operating Voltage - UL:

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

## Max. Recommended Current:

Current
8 Amps per conductor @ 30°C

## Notes (Overall)

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

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9342 0101000	1,000 FT	55.000 LB	BLACK	C	2 #16 PVC/NYL SHLD PVC
9342 01010000	10,000 FT	630.000 LB	BLACK		2 #16 PVC/NYL SH PVC
9342 010500	500 FT	27.500 LB	BLACK	C	2 #16 PVC/NYL SHLD PVC
9342 0105000	5,000 FT	300.000 LB	BLACK		2 #16 PVC/NYL SHLD PVC

**Notes:**

C = CRATE REEL PUT-UP.

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