

# Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

9341 Multi-Conductor - 600V Tray Cable



For more Information  
please call

1-800-Belden1



## Description:

18 AWG pairs stranded (19x30) 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	18	19x30	TC - Tinned Copper

### 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
18	19x30	TC - Tinned Copper

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.048

Outer Jacket Ripcord:

Yes

## Overall Cabling

Overall Nominal Diameter:

0.276 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:

44 lbs/1000 ft.

Max. Recommended Pulling Tension:

63 lbs.

Min. Bend Radius (Install)/Minor Axis:

2.750 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification:

NPLF, TC, UL 1277

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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
ICEA Flame Test:	T-29-520

## 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)
.19

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
43

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

Capacitance (pF/ft)
74

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
5.46

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
5.7

### Max. Operating Voltage - UL:

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

### Max. Recommended Current:

Current
6 Amps per conductor @ 25°C

## Notes (Overall)

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

## Related Documents:

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No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9341 0101000	1,000 FT	43.000 LB	BLACK	C	2 #18 PVC/NYL SHLD PVC
9341 010500	500 FT	20.000 LB	BLACK	C	2 #18 PVC/NYL SHLD PVC

**Notes:**

C = CRATE REEL PUT-UP.

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