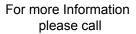
# **Detailed Specifications & Technical Data**



ENGLISH MEASUREMENT VERSION

### 9342 Multi-Conductor - 600V Tray Cable



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   Beldfoil® Tape Aluminum Foil-Polyester Tape	Coverage (%)
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	e (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

## **Detailed Specifications & Technical Data**





### 9342 Multi-Conductor - 600V Tray Cable

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	UL1685 UL Loading				
C(UL) Flame Test:	FT4	FT4				
IEEE Flame Test:	1202	1202				
Suitability						
Suitability - Burial:	Yes					
Sunlight Resistance:	Yes	Yes				
Plenum/Non-Plenum						
Plenum (Y/N):	No					
Electrical Characteristics (Overall)						
Nom. Inductance:						
Inductance (µH/ft)						
.20						
Nom. Capacitance Conductor to Conductor:						
Capacitance (pF/ft) 50						
Nom. Capacitance Cond. to Other Conductor & 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	С	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	С	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.

Revision Number: 2 Revision Date: 08-07-2014

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