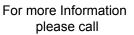
# **Detailed Specifications & Technical Data**



ENGLISH MEASUREMENT VERSION

### 9344 Multi-Conductor - 600V Tray Cable



1-800-Belden1



#### **General Description:**

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12 AWG pairs stranded (37x27) tinned copper conductors, twisted pairs, overall Beldfoil® shield (100% coverage), PVC/Nylon insulation, PVC jacket.

Physical Characteristics (Overall)			
Physical Characteristics (Overall) Conductor			
AWG:			
# Pairs AWG Stranding Conductor Material			
1 12 37x27 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 (%) 100		
Outer Shield Drain Wire AWG:			
AWG         Stranding         Drain Wire Conductor Material           12         19x25         TC - Tinned Copper			
Outer Jacket Outer Jacket Material:			
Outer Jacket Material Nom. Wall Thickness (in.)			
PVC - Polyvinyl Chloride .045			
Outer Jacket Ripcord:	Yes		
Overall Cable			
Overall Nominal Diameter:	0.384 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:	105 lbs/1000 ft.		
Max. Recommended Pulling Tension:	253 lbs.		
Min. Bend Radius/Minor Axis:	3.750 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 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		

## **Detailed Specifications & Technical Data**





### 9344 Multi-Conductor - 600V Tray Cable

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			
CSA Flame Test:	FT4			
IEEE Flame Test:	1202			
Suitability				
Suitability - Burial:	Yes			
Sunlight Resistance:	Yes			
Plenum/Non-Plenum				
Plenum (Y/N):	No			
Electrical Characteristics (Overall)				
Nom. Capacitance Conductor to Conductor: Capacitance (pF/ft) 56 Nom. Capacitance Cond. to Other Conductor & Shield: Capacitance (pF/ft) 106 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 1.65 Nominal Outer Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft) 1.56 Max. Operating Voltage - UL: Voltage 600 V RMS (NEC Type TC) 150 V RMS (NPLF) Max. Recommended Current: Current 30 Amps per conductor @ 25°C				
Notes (Overall)				
Notes: Alternate color coding available upon request.				

#### Notes: Alternate color coo

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9344 0101000	1,000 FT	115.000 LB	BLACK	С	2 #12 PVC/NYL SHLD PVC
9344 010500	500 FT	56.500 LB	BLACK	С	2 #12 PVC/NYL SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 08-07-2014

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product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).



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