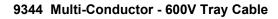
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION





For more Information please call

1-800-Belden1



Description:

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

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	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	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 (mm)
PVC - Polyvinyl Chloride	1.143

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 9.754 mm

Pair

Pair Color Code Chart:



Pair Lay Length & Direction:

Lay Length (mm)	Twists (twist/m)
101.6	9.843

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +90°C		
Non-UL Temperature Rating:	90°C		
Bulk Cable Weight:	156.261 Kg/Km		
Max. Recommended Pulling Tension:	1125.390 N		
Min. Bend Radius/Minor Axis:	95.250 mm		

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Detailed Specifications & Technical Data

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9344 Multi-Conductor - 600V Tray Cable

Applicable Specifications and Agency Compliance (Overall)				
Applicable Standards & Environmental Programs				
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			
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. Inductance:



Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 183.736

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 347.786

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 5.41365

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 5.11836

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.

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Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9344 Multi-Conductor - 600V Tray Cable

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9344 0101000	305 MT	52.163 KG	BLACK	С	2 #12 PVC/NYL SHLD PVC
9344 010500	152 MT	25.628 KG	BLACK	С	2 #12 PVC/NYL SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 10-03-2008

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