## **Detailed Specifications & Technical Data**



ENGLISH MEASUREMENT VERSION

### 6324UL Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



#### **General Description:**

Fire Alarm Cable, Plenum-FPLP, 6-18 AWG solid bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Usage (Overall)					
Suitable Applications:	Fire Protection, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits				
Physical Characteristics (Overall)					
Conductor					
AWG: # Conductors AWG Stranding Conductor Material					
6 18 Solid BC - Bare Copper					
Total Number of Conductors:	6				
Insulation					
Insulation Material: Insulation Trade Name Insulation Material	Wall Thickness (in.)				
Flamarrest® LS PVC - Low Smoke Polyvinyl					
Outer Shield Outer Shield Material: Outer Shield Material Unshielded					
Outer Jacket Outer Jacket Material:					
Outer Jacket Trade Name Outer Jacket Material	Nom. Wall Thickness (in.)				
Flamarrest® LS PVC - Low Smoke Polyvin	yl Chloride 015				
Outer Jacket Ripcord:	Yes				
Overall Cable Overall Cabling Lay Length & Direction:					
Length (in.)       Twists (twist/ft)         3.5       3.4         Overall Cabling Color Code Chart:         Number Color					
1Black2Red3Brown4Blue5Orange6Yellow					
Overall Nominal Diameter:	0.211 in.				
Mechanical Characteristics (Overall)					
Operating Temperature Range:	0°C To +75°C				
UL Temperature Rating:	75°C				
Bulk Cable Weight:	42.200 lbs/1000 ft.				
Max. Recommended Pulling Tension:	117.600 lbs.				
Min. Bend Radius/Minor Axis:	2.100 in.				
Applicable Specifications and Agency Compl	iance (Overall)				
Applicable Standards & Environmental Programs					
NEC/(UL) Specification:	FPLP				

## **Detailed Specifications & Technical Data**



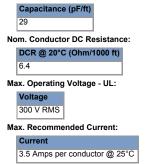
#### ENGLISH MEASUREMENT VERSION

#### 6324UL Multi-Conductor - Commercial Applications

NEC Articles:	760		
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		
EU Directive 2003/11/EC (BFR):	Yes		
CA Prop 65 (CJ for Wire & Cable):	Yes		
MII Order #39 (China RoHS):	Yes		
Other Specification:	California State Fire Marshall		
Flame Test			
UL Flame Test:	NFPA 262		
Plenum/Non-Plenum			
Plenum (Y/N):	Yes		
Non-Plenum Number:	5324UL		

#### **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:



#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6324UL 002A1000	1,000 FT	46.000 LB	RED		TRANSFER REVIEW (20 TO 30)
6324UL 002U1000	1,000 FT	44.000 LB	RED		6 #18 FLRST FLRST
6324UL 0021000	1,000 FT	46.000 LB	RED	С	TRANSFER REVIEW (20 TO 30)

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 03-13-2013

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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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 CW9530-000
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