Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6320UL Multi-Conductor - Commercial Applications - 2 Conductors Cabled



For more Information please call

1-800-Belden1



Description:

18 AWG bare copper conductors, Flamarrest® insulation, cabled together, Flamarrest® jacket with ripcord, shielded version has overall Beldfoil® shield tape (foil side out) and drain wire, sequential footage marking every two feet.

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
2	18	Solid	BC - Bare Copper

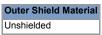
Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.008

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015

Outer Jacket Ripcord:

Yes

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.144 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	0°C To +75°C		
UL Temperature Rating:	75°C		
Bulk Cable Weight:	16 lbs/1000 ft.		
Max. Recommended Pulling Tension:	39.200 lbs.		
Min. Bend Radius (Install)/Minor Axis:	1.500 in.		

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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NEC/(UL) Specification:	FPLP
NEC Articles:	760
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
ame Test	
UL Flame Test:	NFPA 262

Yes 5320UL

Non-Plenum Number: Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft) 0.150

Plenum (Y/N):

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 31.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 6.4

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
5 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6320UL D15C500	500 FT	7.500 LB	BLUE		2 #18 FLRST FLRST
6320UL 002U1000	1,000 FT	18.000 LB	RED		2 #18 FLRST FLRST
6320UL 002U500	500 FT	9.000 LB	RED		2 #18 FLRST FLRST
6320UL 0021000	1,000 FT	17.000 LB	RED	С	2 #18 FLRST FLRST
6320UL 003U1000	1,000 FT	17.000 LB	ORANGE		2 #18 FLRST FLRST
6320UL 0031000	1,000 FT	17.000 LB	ORANGE		2 #18 FLRST FLRST
6320UL 004U1000	1,000 FT	17.000 LB	YELLOW		2 #18 FLRST FLRST
6320UL 005U1000	1,000 FT	17.000 LB	GREEN, DARK		2 #18 FLRST FLRST

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6320UL 0051000	1,000 FT	17.000 LB	GREEN, DARK	2 #18 FLRST FLRST
6320UL 007C500	500 FT	7.500 LB	VIOLET	2 #18 FLRST FLRST
6320UL 007U1000	1,000 FT	17.000 LB	VIOLET	2 #18 FLRST FLRST
6320UL 009C500	500 FT	7.500 LB	WHITE	2 #18 FLRST FLRST
6320UL 009U1000	1,000 FT	17.000 LB	WHITE	2 #18 FLRST FLRST
6320UL 010C500	500 FT	7.500 LB	BLACK	2 #18 FLRST FLRST
6320UL 010U1000	1,000 FT	17.000 LB	BLACK	2 #18 FLRST FLRST
6320UL 0101000	1,000 FT	17.000 LB	BLACK	2 #18 FLRST FLRST
6320UL 012U1000	1,000 FT	17.000 LB	PINK	2 #18 FLRST FLRST

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 06-25-2008

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