

5300UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information
please call

1-800-Belden1

**Description:**

18 AWG bare copper conductors, PP insulation, PVC jacket with ripcord, sequential footage marking every two feet.

Usage (Overall)

Suitable Applications:

Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)**Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	18	7x26	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.008

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

Outer Jacket Ripcord:

Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
3.50	3.4

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter:

0.158 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 15 lbs/1000 ft.

Max. Recommended Pulling Tension: 45 lbs.

Min. Bend Radius (Install)/Minor Axis: 1.500 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
NEC Articles:	800
CEC/C(UL) Specification:	CMG
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

Flame Test

UL Flame Test:	UL1666 Vertical Shaft
C(UL) Flame Test:	FT4

Plenum/Non-Plenum

Plenum Number:	6300UE
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/ft)
0.145

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
21.500

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

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
5300UE 001U1000	1,000 FT	17.000 LB	BROWN		2 #18 PP FRPVC
5300UE 008C500	500 FT	7.500 LB	GRAY		2 #18 PP FRPVC
5300UE 008U1000	1,000 FT	17.000 LB	GRAY		2 #18 PP FRPVC
5300UE 008U500	500 FT	8.500 LB	GRAY		2 #18 PP FRPVC
5300UE 0081000	1,000 FT	16.000 LB	GRAY	C	2 #18 PP FRPVC
5300UE 008500	500 FT	9.500 LB	GRAY		2 #18 PP FRPVC
5300UE 009U1000	1,000 FT	17.000 LB	WHITE		2 #18 PP FRPVC
5300UE 0091000	1,000 FT	16.000 LB	WHITE	C	2 #18 PP FRPVC

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5300UE 010U1000	1,000 FT	17.000 LB	BLACK		2 #18 PP FRPVC
5300UE 010I1000	1,000 FT	18.000 LB	BLACK	C	2 #18 PP FRPVC

Notes:

C = CRATE REEL PUT-UP.

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