

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



530BUE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1



Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
20	18	7x26	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.025

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)
5

Overall Cabling Color Code Chart:

Color
Black
Red
White
Green
Brown
Blue
Orange
Yellow
Purple
Gray
Pink
Tan
White/Black
White/Red
White/Green
White/Orange
White/Blue
White/Brown

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White/Yellow
White/Violet

Overall Nominal Diameter: 0.400 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	140.800 lbs/1000 ft.
Max. Recommended Pulling Tension:	448 lbs.
Min. Bend Radius (Install)/Minor Axis:	4 in.

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 (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
30

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
2.5 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
530BUE 0081000	1,000 FT	152.000 LB	GRAY		20 #18 PVC PVC

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