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1-800-Belden1



## Description:

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

## Physical Characteristics (Overall)

### Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
4	18	7x26	BC - Bare Copper

### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.178

### Outer Shield

**Outer Shield Material:**

Outer Shield Material
Unshielded

### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

**Outer Jacket Ripcord:** Yes

### Overall Cabling

**Overall Cabling Lay Length & Direction:**

Length (mm)	Twists (m.)
101.5996	0.9144

**Overall Cabling Color Code Chart:**

Color
Black
Red
White
Green

**Overall Nominal Diameter:** 4.547 mm

## Mechanical Characteristics (Overall)

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

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 40.181 Kg/Km

**Max. Recommended Pulling Tension:** 398.559 N

**Min. Bend Radius (Install)/Minor Axis:** 45.720 mm

### 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:	6302UE
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

##### Capacitance (pF/m)

72.182

#### Nom. Conductor DC Resistance:

##### DCR @ 20°C (Ohm/km)

21.3265

#### Max. Operating Voltage - UL:

##### Voltage

300 V RMS

#### Max. Recommended Current:

##### Current

4 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
5302UE 008U1000	305 MT	13.154 KG	GRAY		4 #18 PP FRPVC
5302UE 008U500	152 MT	7.031 KG	GRAY		4 #18 PP FRPVC
5302UE 0081000	305 MT	13.608 KG	GRAY	C	4 #18 PP FRPVC
5302UE 008500	152 MT	6.804 KG	GRAY		4 #18 PP FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

## 5302UE Multi-Conductor - Commercial Applications

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