# **Detailed Specifications & Technical Data**

**METRIC MEASUREMENT VERSION** 



# 5302UE Multi-Conductor - Commercial Applications



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.

## **Physical Characteristics (Overall)**

#### Conductor

#### AWG:

# Conductors	AWG	Stranding	<b>Conductor Material</b>
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
Unshie	elded	

### **Outer Jacket**

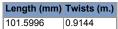
**Outer Jacket Material:** 

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

Outer Jacket Ripcord: Yes

#### **Overall Cabling**

Overall Cabling Lay Length & Direction:



#### **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			

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NEC/(UL) Specification:



## 5302UE Multi-Conductor - Commercial Applications

Applicable	Specifications	and Agency	Compliance	(Overall)
Applicable	Standards & Env	/ironmental Pr	ograms	

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

CMR

Plenum/Non-Plenum

Plenum Number: 6302UE

### **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	С	4 #18 PP FRPVC
5302UE 008500	152 MT	6.804 KG	GRAY		4 #18 PP FRPVC

Notes:

C = CRATE REEL PUT-UP.

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Revision Number: 2 Revision Date: 06-02-2008

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.