# **Detailed Specifications & Technical Data**

**ENGLISH MEASUREMENT VERSION** 



# 5102UE Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



# **Description:**

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

# **Physical Characteristics (Overall)**

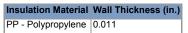
#### Conductor

AWG:

# Conductors	AWG	Stranding	<b>Conductor Material</b>
4	14	19x27	BC - Bare Copper

#### Insulation

Insulation Material:



### **Outer Shield**

**Outer Shield Material:** 

<b>Outer Shield</b>	Material
Unshielded	

### **Outer Jacket**

**Outer Jacket Material:** 

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

Outer Jacket Ripcord: Yes

#### **Overall Cabling**

**Overall Cabling Lay Length & Direction:** 



#### **Overall Cabling Color Code Chart:**



Overall Nominal Diameter: 0.266 in.

## **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	69 lbs/1000 ft.
Max. Recommended Pulling Tension:	190 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.625 in.

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<b>Applicable</b>	<b>Specifications</b>	and Agency	Compliance	(Overall)
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Applicable Standards & Environmental Programs					
NEC/(UL) Specification:	CL3R				
NEC Articles:	725				
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 Riser				
CSA Flame Test:	FT4				
Plenum/Non-Plenum					
Plenum (Y/N):	No				
Plenum Number:	6102UE				

## **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 22.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

6.4 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
5102UE 0081000	1,000 FT	66.000 LB	GRAY	С	4 #14 PP FRPVC
5102UE 008500	500 FT	35.000 LB	GRAY		4 #14 PP FRPVC

C = CRATE REEL PUT-UP.

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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.