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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	Conductor Material
4	14	19x27	BC - Bare Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.011

#### 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 Cabling

#### Overall Cabling Lay Length & Direction:

Length (in.)
4.75

#### Overall Cabling Color Code Chart:

Color
Black
White
Red
Green

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.

### Applicable Specifications and Agency Compliance (Overall)

#### 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)
2.53

#### Max. Operating Voltage - UL:

Voltage
300 V RMS

#### Max. Recommended Current:

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	C	4 #14 PP FRPVC
5102UE 008500	500 FT	35.000 LB	GRAY		4 #14 PP FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

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## 5102UE Multi-Conductor - Commercial Applications

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