

## 6302UE Multi-Conductor - Commercial Applications



For more Information  
please call

1-800-Belden1

**Description:**

18 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Flamarrest® jacket, ripcord.  
Sequential footage marking every two feet.

**Physical Characteristics (Overall)****Conductor****AWG:**

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

**Insulation****Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.008

**Outer Shield****Outer Shield Material:**

Outer Shield Material
Unshielded

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015

Outer Jacket Ripcord: Yes

**Overall Cable****Overall Cabling Lay Length & Direction:**

Length (in.)
3.5

**Overall Cabling Color Code Chart:**

Color
Black
Red
White
Green

Overall Nominal Diameter: 0.180 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	0°C To +75°C
Bulk Cable Weight:	29 lbs/1000 ft.
Max. Recommended Pulling Tension:	89.600 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.800 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMP

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CEC/C(UL) Specification:	CMP
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:	NFPA 262
CSA Flame Test:	FT6

## Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5302UE

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
34.000

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

## 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
6302UE 877U1000	1,000 FT	31.000 LB	NATURAL		4 #18 FLRST FLRST
6302UE 877U500	500 FT	18.000 LB	NATURAL		4 #18 FLRST FLRST
6302UE 8771000	1,000 FT	35.000 LB	NATURAL	C	4 #18 FLRST FLRST
6302UE 877500	500 FT	16.000 LB	NATURAL		4 #18 FLRST FLRST

## Notes:

C = CRATE REEL PUT-UP.

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