

## 25302UE Multi-Conductor - Commercial Applications



**Obsolete**  
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**1-800-BELDEN1**

For more Information  
 please call

1-800-Belden1

**Description:**

18 AWG stranded (7x26) bare copper conductors, PVC insulation, PVC jacket with ripcord, interlocking aluminum armor.

**Physical Characteristics (Overall)****Conductor**

AWG:

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

**Insulation**

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.010

**Outer Shield**

Outer Shield Material:

Outer Shield Material
Unshielded

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.015

Outer Jacket Ripcord: Yes

**Armor**

Armor Type: Interlocking

Armor Material: Aluminum

**Overall Cabling**

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
4.000	3

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	White
4	Green

Overall Nominal Diameter: 0.390 in.

**Mechanical Characteristics (Overall)**

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 74 lbs/1000 ft.

Max. Recommended Pulling Tension: 200 lbs.

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Min. Bend Radius (Install)/Minor Axis: 4.700 in.

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; 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 (Y/N):	No
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## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
30.000

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.500

## Max. Operating Voltage - UL:

Voltage
300 V RMS

## Max. Recommended Current:

Current
4 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
25302UE 0001000	1,000 FT	83.000 LB	NONE	C	5302UE ALUMINUM ARMOR

## Notes:

C = CRATE REEL PUT-UP.

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