

## 6524UE Multi-Conductor - Commercial Applications

For more Information  
please call

1-800-Belden1



**Picture  
Not Available**

**Description:**

22 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
6	22	Solid	BC - Bare Copper

**Insulation**

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.009

**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 Color Code Chart:

Color
Black
Red
White
Green
Brown
Blue

Overall Nominal Diameter: 0.162 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: 0°C To +75°C

Bulk Cable Weight: 21.500 lbs/1000 ft.

Max. Recommended Pulling Tension: 46.800 lbs.

Min. Bend Radius (Install)/Minor Axis: 1.600 in.

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

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMP

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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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**Flame Test**

UL Flame Test:	NFPA 262
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C(UL) Flame Test:	FT6
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**Plenum/Non-Plenum**

Plenum (Y/N):	Yes
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Non-Plenum Number:	5524UE
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**Electrical Characteristics (Overall)****Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)
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25
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**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
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15.7
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**Max. Operating Voltage - UL:**

Voltage
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300 V RMS
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**Max. Recommended Current:**

Current
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2 Amps per conductor @ 25°C (10°C rise in temp)
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**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6524UE 877C500	500 FT	10.500 LB	NATURAL		6 #22 FLRST FLRST
6524UE 877U1000	1,000 FT	23.000 LB	NATURAL		6 #22 FLRST FLRST

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determining the applicability of legislation and regulations based on their individual usage of the product.  
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.