

## 6543UE Multi-Conductor - Commercial Applications

 For more Information  
 please call

1-800-Belden1


**Picture  
 Not Available**
**Description:**

22 AWG bare copper conductors, Flamarrest® insulation, twisted into pairs, multiple pairs cabled together, Flamarrest® jacket with ripcord. Sequential footage marking every two feet.

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

# Pairs	AWG	Stranding	Conductor Material
4	22	7	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
Black & White
Black & Green
Black & Blue

**Overall Nominal Diameter:** 0.234 in.
**Mechanical Characteristics (Overall)**
**Operating Temperature Range:** 0°C To +75°C

**Bulk Cable Weight:** 33.500 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 72.800 lbs.

**Min. Bend Radius (Install)/Minor Axis:** 2.250 in.
**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**
**NEC/(UL) Specification:** CMP

**CEC/C(UL) Specification:** CMP

**EU CE Mark:** Yes

## 6543UE Multi-Conductor - Commercial Applications

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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MIL Order #39 (China RoHS):	Yes
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**Flame Test**

UL Flame Test:	NFPA 262
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CSA Flame Test:	FT6
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**Plenum/Non-Plenum**

Plenum (Y/N):	Yes
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Non-Plenum Number:	5543UE
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**Electrical Characteristics (Overall)****Nom. Inductance:**

Inductance (μH/ft)
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.17
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**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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16.3
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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
6543UE 8771000	1,000 FT	34.000 LB	NATURAL		4 PR #22 FLRST FLRST

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