

## 6563UE Multi-Conductor - New Generation®

**Picture  
Not Available**

**Obsolete  
Call  
1-800-BELDEN1**

For more Information  
please call

1-800-Belden1

**Description:**

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	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 Cabling**

Overall Cabling Color Code Chart:

Color
Black & Red
Black & White
Black & Green
Black & Blue

Overall Nominal Diameter: 0.221 in.

**Mechanical Characteristics (Overall)**

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

Bulk Cable Weight: 28.100 lbs/1000 ft.

Max. Recommended Pulling Tension: 62.400 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

**Flame Test**

UL Flame Test: NFPA 262

CSA Flame Test: FT6

**Plenum/Non-Plenum**

Plenum (Y/N): Yes

## 6563UE Multi-Conductor - New Generation®

Non-Plenum Number:

5563UE

**Electrical Characteristics (Overall)****Nom. Inductance:**

Inductance (μH/ft)

.18

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)

25

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

15.8

**Max. Operating Voltage - UL:**

Voltage

300 V RMS

**Max. Recommended Current:**

Current

2 Amps per conductor @ 25°C (10°C rise in temp)

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
--------	-------	-------------	-------	-------	-----------

Revision Number: 1    Revision Date: 04-14-2008

© 2008 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.