

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6002UE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1



Description:

12 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	12	19x25	BC - Bare Copper

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.010

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	.018

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)
5.25

Overall Cabling Color Code Chart:

Color
Black
White
Red
Green

Overall Nominal Diameter: 0.304 in.

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 106 lbs/1000 ft.

Max. Recommended Pulling Tension: 304 lbs.

Min. Bend Radius (Install)/Minor Axis: 3.100 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL2P

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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:	UL Steiner Tunnel
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5002UE

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
39.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.6

Max. Operating Voltage - UL:

Voltage
150 V RMS

Max. Recommended Current:

Current
9.6 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
6002UE 8771000	1,000 FT	105.000 LB	NATURAL	C	4 #12 FLRST FLRST

Notes:

C = CRATE REEL PUT-UP.

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.