Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

6002UH Multi-Conductor - Commercial Applications

For more Information
please call

1-800-Belden1

General Description:

Security & Alarm Cable, Plenum-CL2P 4-12 AWG stranded tinned copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	12	19x25	TC - Tinned Copper

Total Number of Conductors:	4

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.254

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.4572

Outer Jacket Ripcord:	Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)
133.349475

Overall Cabling Color Code Chart:

Color
Black
White
Red
Green

Overall Nominal Diameter:	7.722 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	0°C To +75°C
Bulk Cable Weight:	151.796 Kg/Km
Max. Recommended Pulling Tension:	1352.253 N
Min. Bend Radius/Minor Axis:	82.550 mm

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL2P
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
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

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
127.959

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
5.2496

Max. Operating Voltage - UL:

Voltage
150 V RMS

Max. Recommended Current:

Current
9.6 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6002UH 8771000	1,000 FT	107.000 LB	NATURAL		4 #12 FLRST FLRST

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