

Part Number: 6302UE



Security & Sound, #18-4c, BC, CMP

Product Description

Security & Sound Cable, Plenum-CMP 4-18 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	4

Conductor Count:	4
------------------	---

Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.008 in

Color Chart

Color
Black
Red
White
Green

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.18 in	0.015 in	Yes

Electrical Characteristics

Capacitance

Nom. Capacitance Conductor to Conductor
34 pF/ft

Construction and Dimensions

Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C (10C temperature rise): 4 A

Voltage

UL Voltage Rating

300V RMS

Applicable Standards & Environmental Programs

CEC/C(UL) Specification:	CMP
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CPR Euroclass:	Eca
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMP

Flame Test

CSA Flammability:	FT6
UL Flammability:	NFPA 262 Plenum Flame Test

Suitability

Suitability - Indoor:	Yes
-----------------------	-----

Mechanical Characteristics

Installation Temp Range:	0°C To +75°C
Operating Temp Range:	-10°C To +75°C
Bulk Cable Weight:	33 lbs/1000ft
Max Recommended Pulling Tension:	89.6 lbs
Min Bend Radius/Minor Axis:	1.8 in

Plenum/Non-Plenum

Plenum (Y/N):	Yes
---------------	-----

Part Number

Non-Plenum Number:	5302UE
--------------------	--------

History

Variants

Item #	Color
6302UE 877U500	
6302UE 8771000	Natural
6302UE 877500	Natural
6302UE 877C250	Natural
6302UE 877U1000	Natural

© 2018 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 here in 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 "ASIS" 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.

Belden believes this product to be in compliance with EU RoHS(Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be instock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Belden Wire & Cable:

[6302UE 877U1000](#) [6302UE 877U500](#) [6302UE 004U1000](#) [6302UE 0041000](#) [6302UE 0071000](#) [6302UE 0101000](#)
[6302UE 877500](#) [6302UE 8771000](#)