
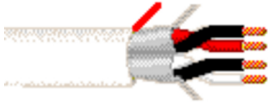


Product: [6341PC](#) 



Security & Sound, 2 Pair 18 AWG, BC, Individually Shielded, CMP

Product Description

Security, Pro Audio & Intercom Cable, Plenum-CMP, 2-18 AWG stranded bare copper pairs with FEP insulation, Individually Beldfoil® shielded and Flamarrest® jacket

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
18	7	BC - Bare Copper	2

Conductor Count:	3
Total Number of Pairs:	2

Insulation

Material	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.01 in

Color Chart

Number	Color
1	Black and Red
2	Black and White

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Alum / Poly	Beldfoil®	100%	TC - Tinned Copper	24	7x32

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	Flamarrest®	0.281 in	0.0165 in	Yes

Electrical Characteristics

Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Inner Shield DCR
14.4 Ohm/1000ft	6.5 Ohm/1000ft	14.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
44 pF/ft	79.2 pF/ft

Inductance

Nominal Inductance

0.16 µH/ft

Current

Max. Recommended Current [A]
4 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C
-----------------	------

Mechanical Characteristics

Bulk Cable Weight:	43.3 lbs/1000ft
Max. Pull Tension:	117.6 lbs
Min Bend Radius/Minor Axis:	2.75 in

Standards

NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Plenum
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 Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

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

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
6341PC 877500	Natural	Reel	500 ft	612825176251
6341PC 8771000	Natural	Reel	1,000 ft	612825176275
6341PC 877U1000	Natural	UnReel	1,000 ft	612825176350

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

History

Update and Revision:	Revision Number: 0.274 Revision Date: 04-28-2020
----------------------	--

© 2020 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.

