# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 5403UE Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



## **Description:**

20 AWG Bare copper conductors, PP insulation, PVC jacket with ripcord. Sequential footage marking every two feet.

## **Usage (Overall)**

Suitable Applications:

Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, and Single Line Telephone.

## **Physical Characteristics (Overall)**

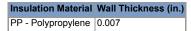
## Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
5	20	7x28	BC - Bare Copper

#### Insulation

**Insulation Material:** 



#### **Outer Shield**

**Outer Shield Material:** 

Outer Shield	Material
Unshielded	

#### **Outer Jacket**

**Outer Jacket Material:** 

Outer Jacket Material	Nom. Wall Thickness (in.)		
PVC - Polyvinyl Chloride	0.017		

Outer Jacket Ripcord:

Yes

#### **Overall Cable**

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	White
4	Green
5	Brown

Overall Nominal Diameter: 0.169 in.

## **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	25.600 lbs/1000 ft.
Max. Recommended Pulling Tension:	63 lbs.
Min Bend Radius (Install)/Minor Axis:	1 800 in

Page 1 of 3 01-06-2012

# **Detailed Specifications & Technical Data**

**ENGLISH MEASUREMENT VERSION** 



## 5403UE Multi-Conductor - Commercial Applications

Ap	Applicable Specifications and Agency Compliance (Overall)					
Ap	Applicable Standards & Environmental Programs					
	NEC/(UL) Specification:	CMR				
	NEC Articles:	800				
	CEC/C(UL) Specification:	CMG				
	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				

Yes

Yes

Yes

Yes

FT4

Flame Test

UL Flame Test: UL1666 Vertical Shaft

C(UL) Flame Test:
Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6403UE

## **Surface Printing (Overall)**

#### **Electrical Characteristics (Overall)**

EU Directive 2002/96/EC (WEEE):

CA Prop 65 (CJ for Wire & Cable):

EU Directive 2003/11/EC (BFR):

MII Order #39 (China RoHS):

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 20.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 10.2

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
3 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
5403UE 0081000	1,000 FT	26.000 LB	GRAY		5 #20 PP FRPVC

Revision Number: 2 Revision Date: 12-22-2008

© 2012 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.

Page 2 of 3 01-06-2012

## **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 5403UE Multi-Conductor - Commercial Applications

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. 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 in stock 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.