# **Detailed Specifications & Technical Data**

**METRIC MEASUREMENT VERSION** 



## 5341UE Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



## **Description:**

18 AWG bare copper conductors, PVC insulation, conductors twisted into pairs, multiple pairs cabled together, PVC jacket with ripcord. Sequential footage marking every two feet.

## **Physical Characteristics (Overall)**

#### Conductor

#### AWG:

# Pairs	AWG	Stranding	<b>Conductor Material</b>
2	18	7x26	BC - Bare Copper

Total Number of Conductors: 4

#### Insulation

#### **Insulation Material:**

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

#### **Outer Shield**

#### **Outer Shield Material:**

<b>Outer Shield Material</b>
Unshielded

#### **Outer Jacket**

#### **Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)		
PVC - Polyvinyl Chloride	0.381		

Outer Jacket Ripcord: Yes

#### **Overall Cable**

Overall Nominal Diameter: 6.756 mm

#### Pair

#### **Pair Color Code Chart:**

Number	Color
1	Black & Red
2	Black & White

## **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +75°C		
Bulk Cable Weight:	48.813 Kg/Km		
Max. Recommended Pulling Tension:	400.338 N		
Min. Bend Radius/Minor Axis:	68.580 mm		

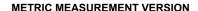
## **Applicable Specifications and Agency Compliance (Overall)**

## **Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
EU CE Mark:	Yes

Page 1 of 3 09-04-2012

## **Detailed Specifications & Technical Data**





### 5341UE Multi-Conductor - Commercial Applications

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	
CSA Flame Test:	FT4
Plenum/Non-Plenum	
Plenum (Y/N):	No
Plenum Number:	6341UE

#### **Surface Printing (Overall)**

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

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 95.149

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 21.4905

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 4 Amps per conductor @ 20°C

## **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5341UE 008U1000	305 MT	15.422 KG	GRAY		2 PR #18 PP FRPVC
5341UE 0081000	305 MT	14.515 KG	GRAY	С	2 PR #18 PP FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 05-14-2007

© 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.

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.

# **Detailed Specifications & Technical Data**

METRIC MEASUREMENT VERSION



5341UE Multi-Conductor - Commercial Applications

Page 3 of 3 09-04-2012