# **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:**

Outer Shield Material
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		

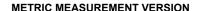
## **Applicable Specifications and Agency Compliance (Overall)**

#### **Applicable Standards & Environmental Programs**

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

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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

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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