



6341UE Multi-Conductor - Commercial Applications

For more Information
please call

1-800-Belden1



Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
2	18	7	BC - Bare Copper

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.203

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.381

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Color Code Chart:

Color
Black & Red
Black & White

Overall Nominal Diameter: 6.426 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

Bulk Cable Weight: 50.599 Kg/Km

Max. Recommended Pulling Tension: 400.338 N

Min. Bend Radius/Minor Axis: 63.500 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMP

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

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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:	FT6
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5341UE

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
106.633

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
6341UE 877U1000	305 MT	15.422 KG	NATURAL		2 PR #18 FLRST FLRST
6341UE 8771000	305 MT	16.329 KG	NATURAL	C	2 PR #18 FLRST FLRST
6341UE 877500	152 MT	9.072 KG	NATURAL		2 PR #18 FLRST FLRST

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 07-01-2008

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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.