Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5240U1 Multi-Conductor - Water Resistant

For more Information please call

1-800-Belden1



Description:

16 AWG stranded (7x24) tinned copper conductors, PVC insulation, water-blocking tape, PVC jacket.

Usage (Overall)

Suitable Applications: Low Voltage, Direct Burial, PLTC, FPL, Intercom, Sound, Audio

Physical Characteristics (Overall)

Conductor

AWG:

1	# Pairs	AWG	Stranding	Conductor Material
ſ	1	16	7x24	TC - Tinned Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)		
PVC - Polyvinyl Chloride	.010		

Outer Shield

Outer Shield Material:

Outer Shield Material Unshielded

Outer Shield Waterblocking Tape: Yes

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.037

Overall Cable

Overall Nominal Diameter: 0.249 in.

Pair

Pair Color Code Chart:

Number	Color		
1	Black & Red		

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
UL Temperature Rating:	105°C
Bulk Cable Weight:	31 lbs/1000 ft.
Max. Recommended Pulling Tension:	71 lbs.
Min. Bend Radius/Minor Axis:	2.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG, FPL, PLTC

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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):	11/08/2006			
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			
Other Specification:	PLTC-ER			
Flame Test				
UL Flame Test:	UL1685 FT4/IEEE 1202 Vertical Tray Flame Test			
C(UL) Flame Test:	FT4			
Other Flame Test:	IEEE 1202			
Suitability				
Suitability - Indoor:	Yes			
Suitability - Outdoor:	Yes			
Sunlight Resistance:	Yes			
Plenum/Non-Plenum				
Plenum (Y/N):	No			

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 33.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 4.4

Max. Operating Voltage - UL:

Voltage 300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5240U1 0021000	1,000 FT	35.000 LB	RED	С	1 PR #16 PVC PVC
5240U1 0101000	1,000 FT	35.000 LB	BLACK	С	1 PR #16 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 01-07-2011

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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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ПОСТАВКА ЭЛЕКТРОННЫХ КОМПОНЕНТОВ

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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