

## 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:**

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

#### 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 (Install)/Minor Axis:** 2.500 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

**CEC/(UL) Specification:** CMG

## 5240U1 Multi-Conductor - Water Resistant

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
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### 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

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

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

#### Notes:

C = CRATE REEL PUT-UP.

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