

## 5102U1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use



For more Information  
please call

1-800-Belden1

**Description:**

14 AWG stranded (19x27) tinned copper conductors, PVC insulation, water-blocking tape, overall PVC jacket.

**Usage (Overall)**

**Suitable Applications:**

Low Voltage, Direct Burial, FPL, PLTC, Intercom, Sound, Audio

**Physical Characteristics (Overall)****Conductor**

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
4	14	19x27	TC - Tinned Copper

**Insulation**

**Insulation Material:**

Insulation Material
PVC - Polyvinyl Chloride

**Outer Shield**

**Outer Shield Material:**

Outer Shield Material
Unshielded

**Outer Jacket**

**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

**Overall Cable**

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	White
3	Red
4	Green

**Overall Cabling Separator Material:**

Waterblocking Tape

**Overall Nominal Diameter:**

0.356 in.

**Mechanical Characteristics (Overall)**

**Operating Temperature Range:** -30°C To +105°C

**UL Temperature Rating:** 105°C

**Bulk Cable Weight:** 82 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 190 lbs.

**Min. Bend Radius (Install)/Minor Axis:** 3.500 in.

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

**Applicable Standards & Environmental Programs**

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NEC/(UL) Specification:	CMG, FPL, PLTC-ER
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CEC/C(UL) Specification:	CMG
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	11/06/2006
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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**Flame Test**

UL Flame Test:	UL1685 FT4/IEEE 1202 Vertical Tray Flame Test
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CSA Flame Test:	FT4
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**Suitability**

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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Suitability - Burial:	Yes
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Sunlight Resistance:	Yes
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)****Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)
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31.000
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**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
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2.9
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**Max. Operating Voltage - UL:**

Voltage
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300 V RMS
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**Max. Recommended Current:**

Current
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13 Amps per conductor @ 25°C
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**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5102U1 0021000	1,000 FT	96.000 LB	RED		4 #14 PVC PVC
5102U1 0101000	1,000 FT	96.000 LB	BLACK		4 #14 PVC PVC

Revision Number: 2    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.