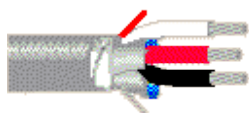


5501G1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use

For more Information
please call

1-800-Belden1

**Description:**

22 AWG TC cond, PVC insul, black/red cond twisted into a pair and shielded w/Beldfoil® tape and drain wire, cabled w/additional insul conductors(s) as indicated, water-blocking tape overall, PVC jkt with ripcord. Seq footage marking every two feet.

Usage (Overall)**Suitable Applications:**

Low Voltage, Water Resistant, Water Block, Direct Burial, Moisture Resistant, Sunlight Resistant, Indoor/Outdoor, CM

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	# Pairs	Stranding	Conductor Material
	1	7x30	TC - Tinned Copper
1		7x30	TC - Tinned Copper

Insulation**Insulation Material:**

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

Inner Shield**Inner Shield Material:**

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Waterblocking Tape:

Non-woven

Outer Shield**Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	7x#32	Tinned Copper

Outer Shield Waterblocking Tape:

Yes

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.025

Outer Jacket Ripcord:

Yes

Overall Cable**Overall Cabling Color Code Chart:**

Number	Color	Group/Cond. Color
1	Red	Shielded Pair
2	White	Conductor

Overall Nominal Diameter:

0.222 in.

5501G1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use

Pair

Pair Lay Length & Direction:

Lay Length (in.)
1.500

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +105°C
Bulk Cable Weight:	20.800 lbs/1000 ft.
Max. Recommended Pulling Tension:	32.800 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
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):	10/01/2005
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

UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT1

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
.18

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
44.500

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
80.100

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.4

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
2.8 Amps per conductor @ 25°C

5501G1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5501G1 0081000	1,000 FT	25.000 LB	GRAY		1 FS PR + 1 #22 S-R PVC PVC
5501G1 0101000	1,000 FT	25.000 LB	BLACK		1 FS PR + 1 #22 S-R PVC PVC

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

© 2012 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

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