

5522G1 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	AWG	Stranding	Conductor Material
	1	22	Solid	TC - Tinned Copper
2		22	Solid	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 Drain Wire AWG:

AWG	Stranding	Conductor Material
22	Solid	TC - Tinned Copper

Inner Shield Waterblocking Tape:

Non-woven

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	.025

Outer Jacket Ripcord:

Yes

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

Number	Color	Group/Cond. Color
1	Black and Red	Shielded Pair
2	White	Conductor
3	Green	Conductor

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Overall Nominal Diameter:	0.224 in.
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Pair

Pair Lay Length & Direction:	
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Lay Length (in.)
1.500

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +105°C
Bulk Cable Weight:	23.100 lbs/1000 ft.
Max. Recommended Pulling Tension:	31.200 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
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Electrical Characteristics (Overall)

Nom. Inductance:	
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Inductance (μH/ft)
.18

Nom. Capacitance Conductor to Conductor:	
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Capacitance (pF/ft)
48.5

Nom. Capacitance Cond. to Other Conductor & Shield:	
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Capacitance (pF/ft)
86.500

Nom. Conductor DC Resistance:	
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DCR @ 20°C (Ohm/1000 ft)
16.4

Max. Operating Voltage - UL:	
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Voltage
300 V RMS

Max. Recommended Current:	
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Current
2.2 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
5522G1 0101000	1,000 FT	27.000 LB	BLACK	C	1 FS PR + 2 #22 S-R PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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

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