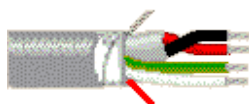


## 5502G1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use



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.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
	1	22	7x30	TC - Tinned Copper
2		22	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 Drain Wire AWG:

AWG	Stranding	Conductor Material
24	7x32	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

Overall Nominal Diameter: 0.234 in.

#### Pair

Pair Lay Length & Direction:

Lay Length (in.)

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1.500

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +105°C
Bulk Cable Weight:	24.400 lbs/1000 ft.
Max. Recommended Pulling Tension:	36.400 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.375 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:

Inductance (µH/ft)  
1.18

#### 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

#### Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)  
16.4

#### Max. Operating Voltage - UL:

Voltage  
300 V RMS

#### Max. Recommended Current:

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
5502G1 0081000	1,000 FT	29.000 LB	GRAY	C	1 FS PR + 2 #22 S-R PVC PVC
5502G1 008500	500 FT	14.000 LB	GRAY		1 FS PR + 2 #22 S-R PVC PVC

**Notes:**

C = CRATE REEL PUT-UP.

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