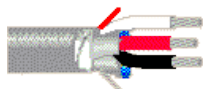


## 5501G1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use



For more Information  
please call

1-800-Belden1



### General Description:

PTZ Cable, Rated-CM, 1-22 AWG tinned copper pair with PVC insulation and a Beldfoil® shield, 1-22 AWG tinned copper conductor with PVC insulation, overall water resistant tape and PVC jacket with ripcord

### Usage (Overall)

**Suitable Applications:** Low Voltage, Water Resistant, Water-Blocked for Use in Underground Ducts, 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

**Total Number of Conductors:** 3

#### 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.

#### 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.

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Max. Recommended Pulling Tension: 32.800 lbs.

Min. Bend Radius/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 Directive 2011/65/EU (ROHS II): Yes

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

### 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

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