



**Part Number: 5504G1**

Security & Sound, #22-1pr, #22-4c TC, Shielded Pair, CM, Water-Blocked

## Product Description

Security & Sound Cable, Rated-CM, 1-22 AWG stranded tinned copper pair with PVC insulation and Beldfoil® shield, 4-22 AWG stranded tinned copper pair with PVC insulation, overall waterblocking tape and PVC jacket with ripcord

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors	No. of Pairs
22	7x30	TC - Tinned Copper		1
22	7x30	TC - Tinned Copper	4	

Conductor Count:	6
Conductor Size:	22 AWG

#### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in
PVC - Polyvinyl Chloride	0.01 in

#### Color Chart

Number	Color
Shielded Pair	Black and Red
Conductor	White
Conductor	Green
Conductor	Brown
Conductor	Blue

#### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	24	7x32
	Unshielded					

#### Outer Shield Material

Material
Unshielded

Note:	Waterblocking tape
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#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.268 in	0.025 in	Yes

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance
16.4 Ohm/1000ft	16.4 Ohm/1000ft	

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
44.5 pF/ft	80.1 pF/ft

Shielding:	Foil(s) or Copper Tape(s)
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#### Inductance

Nominal Inductance
0.18 µH/ft

#### Current

Max. Recommended Current [A]
Per conductor @ 25°C: 2.2 A

#### Voltage

UL Voltage Rating
300 V RMS

#### Temperature Range

Operating Temp Range:	-20°C To +105°C
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#### Mechanical Characteristics

Bulk Cable Weight:	31.5 lbs/1000ft
Max Recommended Pulling Tension:	54.6 lbs
Min Bend Radius/Minor Axis:	2.75 in

#### Standards

NEC Articles:	800
NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
CPR Euroclass:	Eca

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT1
UL Flammability:	UL1685 UL Loading
UL voltage rating:	300 V RMS

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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#### Part Number

#### Variants

Item #	Color	Footnote
5504G1 0101000	Black	C
5504G1 0081000	Gray	

Footnote:	C - CRATE REEL PUT-UP.
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