

**Product:** [Y60257](#)

Security & Sound, #22-3c, TC, Shielded, Water-Blocked

### Product Description

Security & Sound Cable, Rated, 3-22 AWG stranded tinned copper conductors with PVC insulation, waterblocking tape, Beldfoil® shield and PVC jacket with ripcord

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	2

Conductor Count: 2

##### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

##### Color Chart

Number	Color
1	Black
2	White
3	Blue

##### Outer Shield Material

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

Outer Shield Table Note: Non-woven waterblocking tape

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PE - Polyethylene	0.196 in	0.025 in	Yes

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR
16.1 Ohm/1000ft	16.1 Ohm/1000ft		16.8 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
46 pF/ft	82.8 pF/ft

##### Current

Max. Recommended Current [A]
Per conductor @ 25°C: 2.8 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:	16 lbs/1000ft
Max Recommended Pulling Tension:	23.7 lbs
Min Bend Radius/Minor Axis:	2 in

## 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
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## History

Update and Revision:	Revision Number: 0    Revision Date: 03-11-2020
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