

# SG78-06B2A



## SureGround® Grounding Kit for 7/8 in coaxial cable

### Product Classification

Product Type	Grounding kit
Product Brand	SureGround®
Ordering Note	ANDREW® standard product (Global)

### General Specifications

Bonding Conductor Jacketing Material	PVC
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	6 gauge
Cable Type	Corrugated   Smoothwall
Color	Black
Grounding Kit Type	SureGround® Grounding Kits
Grounding Strap Material	Tinned copper
Lug Attachment	Factory attached
Lug Type	One-hole lug
Thread Size	3/8 in   M10

### Dimensions

Bonding Conductor Length	609.6 mm   24 in
Cable Jacketing Removal Length, maximum	38.1 mm   1.5 in
Cable Jacketing Removal Length, minimum	38.1 mm   1.5 in
Compatible Diameter, maximum	28.702 mm   1.13 in
Compatible Diameter, minimum	26.67 mm   1.05 in
Nominal Size	7/8 in

### Electrical Specifications

Current Handling	Tested to withstand 100,000 amps peak current surge
Current Handling Test Method	MIL-STD-1757

# SG78-06B2A

Grounding, Bonding and Shielding Test Method	MIL-STD-188-124A
Lightning Protection Test Method	IEC 1024-1
Material Specifications	
Locking Bail Material	Stainless steel
Rivet Material	Tinned copper

## Environmental Specifications

Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
Blowing Rain Test Method	MIL-STD-810, Method 506
Corrosion Test Method	MIL-STD-1344, Method 1001
Freezing Rain/Icing Test Method	MIL-STD-810, Method 521
Humidity Test Method	MIL-STD-1344, Method 1002
Immersion Test Method	IEC 60529:2001, IP68
UV Resistance Test Method	MIL-STD-810, Method 505
Vibration Test Method	MIL-STD-202, Method 214
Weatherproofing Method	Butyl and electric tape

## Packaging and Weights

Height, packed	228.6 mm   9 in
Width, packed	215.9 mm   8.5 in
Length, packed	58.42 mm   2.3 in
Included	Grounding kit   Hardware   Lug   One roll of 2 in PVC tape   One roll of 24 in butyl rubber tape
Packaging quantity	1
Weight, gross	0.62 kg   1.367 lb

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a>
ROHS	Compliant

# SG78-06B2A

---

UK-ROHS

Compliant



## Included Products

- 42615-10 – Butyl Rubber Tape, 24 in
- 9905-71 – Black 2 in PVC Tape, 20 ft

## \* Footnotes

<b>Grounding, Bonding and Shielding Test Method</b>	Military Standard for Grounding, Bonding, and Shielding: Bond Resistance Requirement of a Maximum dc resistance of 0.001 ohm
<b>Lightning Protection Test Method</b>	Protection Against Lightning Electromagnetic Impulse, Table 1—Protection Level III–IV, 1995-02