

# Data Sheet



## Grounding Kit GC-7 / Item No.: 6818



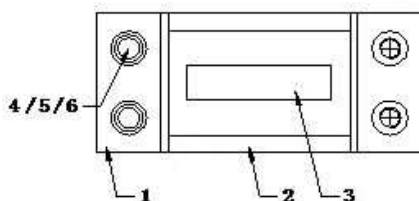
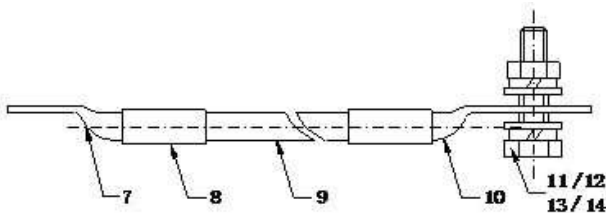
The GC-7 grounding clamp was developed for equipotential bonding on 7 mm coax cables such as AIRCELL 7, ECOFLEX 7 etc. This eliminates potential differences (voltages) between the coax cable and the earth potential. Especially during thunderstorms, charging can occur on the antenna or on the coax cable. This charge is removed with the earthing clamp and the connected device is protected. A grounding clamp is not a replacement for lightning protection.

### Connection instructions

Connect the earthing clamp to the equipotential busbar or earth potential using the shortest possible cable (see assembly instructions).

### Technical Specifications

Grounding clamp type:	Framework
Suitable cable types:	7 mm coax cables
Contact resistance:	≤ 5 mΩ
Current shock withstanding:	≥ 20 KA (8/20 μs)
Insulation resistance:	10 GΩ
Min. temperature:	-40°C for 24 hours
Max. temperature:	+85°C for 24 hours
2011/65/EC RoHS:	Compliant
For outdoor use:	Yes, UV-resistant jacket
IP protection class:	IP 68



No.	Piece parts	Size	Materials
1	Body / grounding strap	7 mm	Rubber, SUS304
2	Water-seal mastic	Φ5	Butyl rubber
3	Braided tape		Copper, tin-plated
4	O-ring washer	M6	Black Rubber
5	Serrated washer	M6	SUS304
6	Inner hex bolt	M6*20	SUS304
7	Cable lug	M6	Copper, tin-plated
8	Heat shrinkable tube	Φ9*30	Polyolefin
9	Grounding cable	16 mm <sup>2</sup>	Copper (conductor), PVC (jacket), approx. 40 cm length
10	Cable lug	M8	Copper, tin-plated
11	Outer hex nut	M8	SUS304
12	Spring washer	M8	SUS304
13	Plain washer	M8	SUS304
14	Outer hex bolt	M8*25	SUS304

### Notes on environmental protection



Electrical and electronic devices must not be disposed of with household waste. These are to be handed in at a separate collection point or at the point of sale. Packaging materials must be separated and disposed of in the household waste according to the type of fabric.

### Security, warranty

The product is unsuitable for children. The packaging material and the device may contain small parts that can be swallowed. Repairs may only be carried out by specialist personnel. If you need support with technical questions or if you require service, please contact us by email: [technik@ssb-electronic.de](mailto:technik@ssb-electronic.de).

### Declaration of conformity



We hereby declare that the above Product meets all relevant regulations for the product within the scope of the directives 73/23 / EEC, 89/336 / EEC and 99/5 / EC of the Council.

### Manufacturer:

SSB-Electronic GmbH,  
Am Pulverhäuschen 4, 59557 Lippstadt/Germany

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### Contact:

E-Mail: [technik@ssb-electronic.de](mailto:technik@ssb-electronic.de)  
Fhone: +49 (0) 2941-93385-0  
Internet: [www.ssb-electronic.de](http://www.ssb-electronic.de)

## Grounding Kit GC-10 / Item No.: 6819



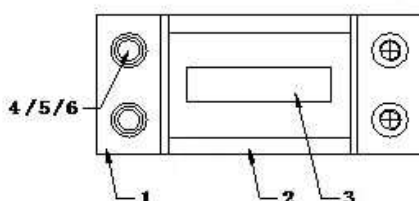
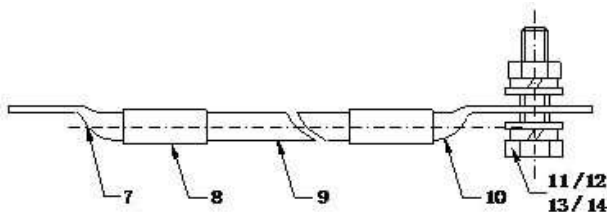
The GC-10 grounding clamp was developed for equipotential bonding on 10 mm coax cables such as ECOFLEX 10, Aircom Premium etc. This eliminates potential differences (voltages) between the coax cable and the earth potential. Especially during thunderstorms, charging can occur on the antenna or on the coax cable. This charge is removed with the earthing clamp and the connected device is protected. A grounding clamp is not a replacement for lightning protection.

### Connection instructions

Connect the earthing clamp to the equipotential busbar or earth potential using the shortest possible cable (see assembly instructions).

### Technical Specifications

Grounding clamp type:	Framework
Suitable cable types:	10 mm coax cables
Contact resistance:	≤ 5 mΩ
Current shock withstanding:	≥ 20 KA (8/20 μs)
Insulation resistance:	10 GΩ
Min. temperature:	-40°C for 24 hours
Max. temperature:	+85°C for 24 hours
2011/65/EC RoHS:	Compliant
For outdoor use:	Yes, UV-resistant jacket
IP protection class:	IP 68



No.	Piece parts	Size	Materials
1	Body / grounding strap	10 mm	Rubber, SUS304
2	Water-seal mastic	Φ5	Butyl rubber
3	Braided tape		Copper, tin-plated
4	O-ring washer	M6	Black rubber
5	Serrated washer	M6	SUS304
6	Inner hex bolt	M6*20	SUS304
7	Cable lug	M6	Copper, tin-plated
8	Heat shrinkable tube	Φ9*30	Polyolefin
9	Grounding cable	16 mm <sup>2</sup>	Copper (conductor), PVC (jacket), approx. 40 cm length
10	Cable lug	M8	Copper, tin-plated
11	Outer hex nut	M8	SUS304
12	Spring washer	M8	SUS304
13	Plain washer	M8	SUS304
14	Outer hex bolt	M8*25	SUS304

### Notes on environmental protection



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### Security, warranty

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Internet: [www.ssb-electronic.de](http://www.ssb-electronic.de)

## Grounding Kit GC-15 / Item No.: 6820



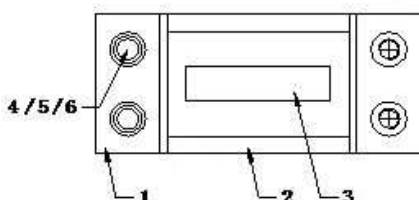
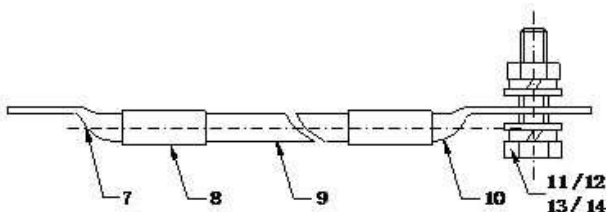
The GC-15 grounding clamp was developed for equipotential bonding on 15 mm coax cables such as ECOFLEX 15 etc. This eliminates potential differences (voltages) between the coax cable and the earth potential. Especially during thunderstorms, charging can occur on the antenna or on the coax cable. This charge is removed with the earthing clamp and the connected device is protected. A grounding clamp is not a replacement for lightning protection.

### Connection instructions

Connect the earthing clamp to the equipotential busbar or earth potential using the shortest possible cable (see assembly instructions).

### Technical Specifications

Grounding clamp type:	Framework
Suitable cable types:	15 mm coax cables
Contact resistance:	≤ 5 mΩ
Current shock withstanding:	≥ 20 KA (8/20 μs)
Insulation resistance:	10 GΩ
Min. temperature:	-40°C for 24 hours
Max. temperature :	+85°C for 24 hours
2011/65/EC RoHS:	Compliant
For outdoor use:	Yes, UV-resistant jacket
IP protection class:	IP 68



No	Piece parts	Size	Materials
1	Body / grounding strap	15 mm	Rubber, SUS304
2	Water-seal mastic	Φ5	Butyl rubber
3	Braided tape		Copper, tin-plated
4	O-ring washer	M6	Black rubber
5	Serrated washer	M6	SUS304
6	Inner hex bolt	M6*20	SUS304
7	Cable lug	M6	Copper, tin-plated
8	Heat shrinkable tube	Φ9*30	Polyolefin
9	Grounding cable	16 mm <sup>2</sup>	Copper (conductor), PVC (jacket), approx. 40 cm length
10	Cable lug	M8	Copper, tin-plated
11	Outer hex nut	M8	SUS304
12	Spring washer	M8	SUS304
13	Plain washer	M8	SUS304
14	Outer hex bolt	M8*25	SUS304

### Notes on environmental protection



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