

Users Manual



AS - 3000 / Item. No.: 5059



Power handling capacity	1000 W/2m; 800 W/70cm 500 W/23cm; 250 W/13cm
Connection norm	Typ „N“
Switching voltage	12 V bei 250mA
Mast diameter	58mm max.

The antenna switch **AS-3000** is an electrically operated switch for two antennas. The unit is built into a weatherproof housing with mast mount. The switch is equipped with a highly loadable power relay, which is built into a weatherproof UV-resistant plastic housing. The lower part consists of a solid aluminium-angle mit zinc plated clamps for installation at the mast. The switch is suitable from DC to 3000 MHz.

Installation:

The N-sockets should face downwards, so no water can enter at the connections.

Electrical connection:

At the bottom side of the antenna switch three N-sockets offer connections to the antennas and a common download. The antenna connections are labelled as

1 (normally-closed contact) and

2 (Working contact).

The DC-contact is supplied via the included 4 pole connector, whereat the PINS 1 + 2 are the Plus pole and 3 + 4 represent the Minus pole. We recommend to use a shielded control cable, like RG 178 or RG 58. Interference effects caused to the switch or the connected power supply by external noise sources as well as by own HF-transmissions are avoided safely herewith.

Technical Data

Frequency range	DC...3000 MHz
Switching positions	2
Insertion loss,typ	0.01 dB / 150 MHz
	0.02 dB / 500 MHz
	0.025 dB / 1000 MHz
	0.03 dB / 2000 MHz
< 0.1 dB / 3000 MHz	
Isolation	>60 dB / 2,5 GHz
Standing wave ratio	< 1.2 : 1

Notes on environmental protection



Electrical and electronic devices may not be disposed of with household waste. This must be handed in separately at collecting points, or returned to the point of sale. Packaging materials must be separated and disposed of through the municipal waste by material type.

Maintenance

Do not open the unit. It does not contain any parts needing maintenance. If you need help regarding technical matters, please contact support@ssb-electronic.com. For a lowest possible noise figure of the complete system, set preamp to maximum gain.

Safety, Warranty

Not suitable for children! The packaging material and the device may contain small parts which may be swallowed. Repairs may only be performed by qualified personnel., Opening the device, or improper use will void any warranty claims. No guarantee will be given. The device applies to the Low Voltage Directive 2006/95/EG, as well as to 2004/108/EG, 2002/96/EG, 1999/44/ EG.

Declaration of Conformity



The CE mark is a free trade mark. It does not guarantee any product features. The product does apply all relevant regulations within the scope of 94/62/EG.

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

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How to contact:

E-Mail:	support@ssb-electronic.com
Phone:	+49 (0) 2941-93385-0
Internet:	www.ssb-electronic.com