



### Product description

The DC switch DCC 2,4-5,6 GHz is required for remote feeding of WLAN amplifiers via the coaxial cable. The HF-compliant construction of the switch in chamber construction ensures a high isolation between the HF-Part and the DC-Connection of the switch. The use of a low-loss microwave substrate and high-quality components guarantees low transmission loss and good adaption in the frequency range from 2 GHz to 6 GHz.

### Technical data

Frequency range:	2 - 6 GHz
Insertion loss:	
2,4 GHz	typ. < 0,2 dB
5,6 GHz	typ. < 0,3 dB
Transferable power:	
2,4 GHz	10 W
5,6 GHz	2 W
Isolation HF-DC	typ. > 70 dB
Max. DC-Current:	1,1 A
Max. DC-Voltage:	30 V
Connection standard:	N-Female
Dimensions (without jacks)	37 x 37 x 30 mm

### Connection notes

A suitable 12 V power supply is connected to the DC socket with the supplied 2.5 mm hollow plug. The positive pole (+) of the power supply cable is soldered to the middle pin of the connector and the negative pole (-) to the external contact. The coaxial cable, coming from the WLAN amplifier, is connected to the ANT socket of the remote feed switch. The remote supply voltage is available at this socket. The cable going to the router is connected to the TRX socket of the remote feed switch. This output is decoupled from the DC voltage via a capacitor. In case of a current load of over 1.1 A or a short on the coaxial cable, the built-in Polyswitch fuse prevents damage to the switch and the power supply used.

### 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](mailto: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.

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