



The DCC-5000pro DC switch is required to power amplifiers via the coaxial cable (remote feed). The HF-compliant design of the switch assures 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 10 MHz to 6 GHz.

Technical data DCC-5000pro

Frequency range:	10 MHz - 6 GHz
Insertion loss:	
10 MHz - 146 MHz	typ. < 0,10 dB
435 MHz	typ. < 0,13 dB
1300 MHz	typ. < 0,35 dB
2400 MHz	typ. < 0,50 dB
3400 MHz	typ. < 0,68 dB
5600 MHz	typ. < 0,85 dB
Isolation HF-DC:	typ. > 60 dB
Max. DC- Current:	500 mA
Max. DC- Voltage:	30 V
Connection standard:	N- Female
Dimensions (without socket):	37 x 37 x 30 mm

Assembly instructions

The coaxial cable from the amplifier is connected to the ANT socket. The remote supply voltage is available at this socket. The coaxial cable going to the receiver, transceiver or transverter is connected to the TRX socket. This output is blocked by the DC voltage via a capacitor. The connector for the DC supply is a 2.5 mm hollow plug. The inner contact carries the plus pole (+), the outer contact the minus pole (-). The negative terminal is connected to the housing. With a current load of over 500 mA, or a short on the coaxial cable, the built-in Polyswitch fuse prevents damage to the DC splitter and power supply.

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.com