

# Data Sheet



DCC 12-PL / Art. No.: 1043

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The remote powering coupler DCC 12-PL is used for remote feeding of amplifiers and converters over the coaxial cable. The HF-oriented design and use of a ceramic printed board guarantee very low losses and excellent HF-matching.

## Technical Data

Frequency range	50 - 500 MHz
Insertion loss	
150 MHz	0.1 dB
500 MHz	0.2 dB
Max. capacity @150 MHz	
FM	100 Watt
SSB	250 Watt
Max. loadable DC-current	
	500 mA
Connection norm	UHF (SO-239) socket
Dimensions (without sockets)	
	37 x 37 x 30 mm

Do not open the unit. It does not contain any parts needing maintenance. If you need help regarding technical matters, please contact our team:

[technik@ssb-electronic.de](mailto:technik@ssb-electronic.de)

## Installation hints

The coaxial cable that comes from the amplifier will be connected to the socket ANT. At this socket the remote powering voltage is supplied. The inner conductor is the Plus pole (+), the shielding (ground) the Minus pole (-).

As standard, the DCC 5000 is equipped with an automatic safeguard that prevents any damage by a short. A short or overload will cause overheating of the fuse that gets a high impedance. After a short cooling time the DCC 5000 is ready for operation again.

The socket TRX is free of voltage, here the receiver has to be connected. Via a hollow plug with 2,5mm inner pin the operation voltage is supplied. The inner conductor is the Plus pole, the Minus pole leads to ground.

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## Disposal of your old appliance



This product is covered by the European Community directive 2002/96/EC. 2.

All electrical and electronic products should be disposed of separately from the municipal waste stream via designated

collection facilities appointed by the government or by the local authorities. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and the human health. For more detailed information about the disposal of your old appliance, please consult your city office, waste disposal service or the shop where you purchased the product. Within Germany, the above regulations are also valid for the disposal of batteries and accumulators accordingly.

## Declaration of Conformity



Herewith we declare that this product complies with all relevant regulations for the product within the guidelines 73/23/EWG, 89/336/EWG and 99/5/EG of the Council:

**EN 301 489-15** Electromagnetic compatibility and Radio Spectrum Matters (ERM) Electromagnetic Compatibility (EMC) standard for radio equipment and services. Part 15: specific conditions for commercially available amateur radio equipment.

**EN 301 783-1** Electromagnetic compability and Radio Spectrum Matters (ERM); Land Mobile Service; commercially available amateur radio equipment. Part 1: technical characteristics and methods of measurement.

**EN 301 783-2** Electromagnetic compability and amateur radio equipment. Part 2: harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive.

**EN 60950-1:2001** Information technology equipment – safety. Part 1: General requirements.

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