

Users Manual



DCM 70 / Item.No.: 9308



Operating voltage	12 – 14 V
Power consumption, typ	200 mA
Noise figure, typ	1,5 dB
Amplification, typ	30 dB
OIP3	24 dBm
RF frequency range	430 – 440 MHz
IF frequency range	26 – 36 MHz
Connection standard input	N - Female
Connection standard output	BNC - Female
DC connector	2,5mm Hollow plug

This converter expands the frequency range of a short wave receiver and converts the 70cm band to the 10m band. The conversion is linear, for example: an input frequency of 432 MHz is converted to 28 MHz. Along with the characteristics of a good shortwave receiver, you will get a modern high-performance receiving station for the 70cm band.

Operate the converter only with a stabilized power supply (12V, min. 300mA). When operating with an external high-capacity battery or power supply, a fine protection (M0.4A) must be connected

The device is only designed for indoor applications (IP50) and not for laboratory and measuring devices.

ATTENTION

The converter is only intended for use in reception systems. An input RF power at the converter input or at the converter output leads to the destruction of the device and is excluded from the warranty!

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



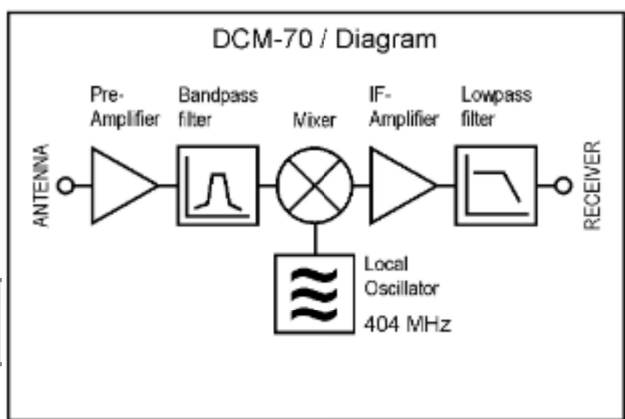
The CE mark is a free trade mark. It does not guarantee any product features. The product does apply all relevant regulations within the scope of 94/62/EG.

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