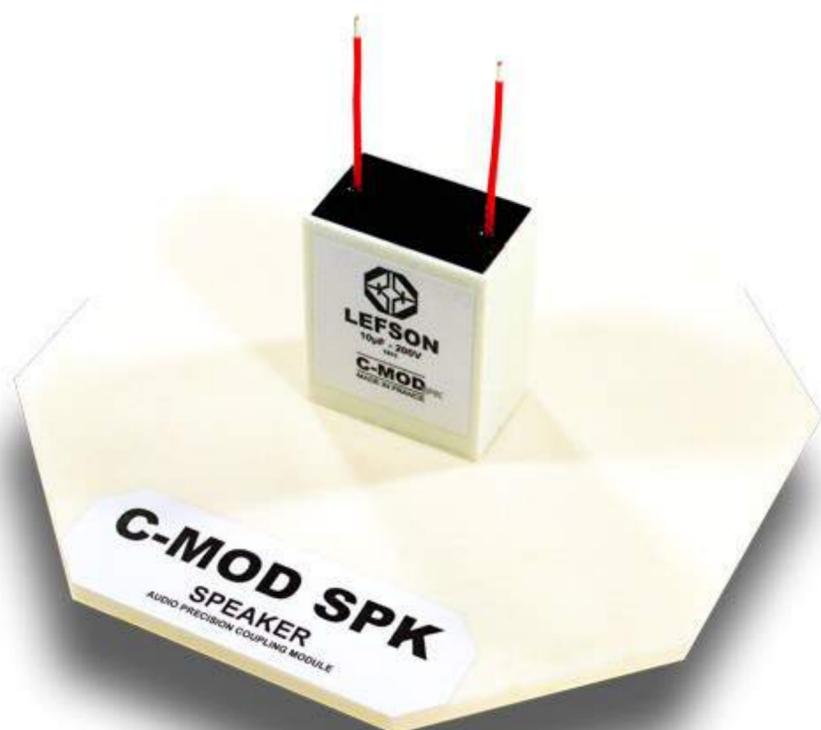


Speaker Audio Precision COUPLING MODULE



FEATURES

- NON-POLAR CAPACITIVE MODULE
- «WIRE LIKE» TECHNOLOGY : EXTREMELY LOW LOSS
- CUSTOM CAPACITIVE VALUES
- SILVER PLATED COPPER WIRES
- SUITABLE FOR SPEAKER CROSSOVER

APPLICATIONS

- SPEAKER CROSSOVER DESIGN
- HIGH LEVEL/CURRENT AUDIO SIGNALS
- AUDIOPHILE CAPACITOR IMPROVEMENT

DESCRIPTION

The LEFSON C-MOD SPK is a high performance audio coupling module for high current and high level signals. It's named «coupling module» instead of «capacitor» because it was designed with care in the point of view of an audio coupling system. Extremely low loss operation is one of its best features, this is our «WIRE LIKE» technology.

Specially designed to process high current and high level AC signals (power amplification, speaker), the LEFSON C-MOD SPK is the perfect solution when an audio capacitor is needed, in the crossover filter of a speaker. As all C-MOD products, it's fully handmade in our workshop in France.

SPECIFICATIONS

CAPACITANCE RANGE	2 to 20 μ F
VOLTAGE RANGE	200V
CAPACITANCE TOLERANCE	typically \pm 5%
TEMPERATURE RANGE	-50 to +80°C

CONSTRUCTION

ENCAPSULATION	ABS case with epoxy resin seal
TERMINATIONS	Silver plated copper wire
COLOUR	White
MARKING	Black
EPOXY RESIN SEAL	Black

VALUES

The capacitance value and the length of the wires are customizable. For example :

- . CMSPK-2U2200 - 2.2 μ F / 200V
- . CMSPK-2U7200 - 2.7 μ F / 200V
- . CMSPK-3U3200 - 3.3 μ F / 200V
- . CMSPK-3U9200 - 3.9 μ F / 200V
- . CMSPK-4U7200 - 4.7 μ F / 200V
- . CMSPK-5U6200 - 5.6 μ F / 200V
- . CMSPK-6U8200 - 6.8 μ F / 200V
- . CMSPK-8U2200 - 8.2 μ F / 200V
- . CMSPK-10U200 - 10 μ F / 200V
- . CMSPK-12U200 - 12 μ F / 200V
- . CMSPK-13U200 - 13 μ F / 200V
- . CMSPK-15U200 - 15 μ F / 200V
- . CMSPK-20U200 - 20 μ F / 200V

NOTES

The LEFSON C-MOD SPK is designed to be used as a speaker crossover capacitor. To achieve best results it needs to be burned-in with audio signals during at least 80 hours.

Both wires can be either input or output pins for the audio signal.

Always make sure the DC potential between both wires never exceeds the corresponding rated DC voltage.

Due to handmade assembling, all dimensions can be subject to very small tolerance in measurments.

In the interest of development of the C-MOD SPK characteristics, drawing may change without notice.

DIMENSIONS

The dimensions of the LEFSON C-MOD SPK depend of the capacitive value.

For example the CMSPK-10U200 (10 μ F/200V) is : (LxIxh) : 51.5x32x64mm excluding wires.

Wires have a standard 50mm length but it could be ajusted to any specified value on demand.