

C-Coil - Toroidal Core



DESCRIPTION

C-Coil™ is wound around a sandwich core, and it has extremely low resistance and can shift a large amount of power without getting over heated.

The C-Coil is designed for the bass section on crossovers and for passive sub-woofers, in different core and wire sizes.

The core is formed like a donut with a round cross section, and it is wound from one long piece of laminated steel tape.

We produce C-Coil using wire with insulation grade 1:
For wire diameters : 1.20 or 1.40 mm

We produce C-Coil using wire with insulation grade 2:
For wire diameters: 1.60mm, 1.80 mm, 2.00 mm .

Feature Points:

1. extremely low resistance
2. using shrink foil we avoid microphone effect
3. shrink foil is stabilizing the winding and inductance.

C-Coil - Toroidal Core

SPECIFICATIONS

Data on one of the C-Coils:

Power handling: 400 Watt - 3000 Watt, depending on core size.

C-Coil is to be used, where ordinary inductors get over heated.

For higher tones the very best choice will be our Wax Coils, Cross Coils or our baked wire coils.

Copper purity 4N

C-Coil tolerance: Inductance +/-5%, RDC +/-10%

Important Notice:

Because of the very special core structure emitting a strong magnetic field, the C-Coil cannot be measured with any non-professional devices, neither with Clio.

All C-Coils are measured with a professional RLC meter before shipping at AC 1 V 1 kHz.

The C-Coil is not suitable for higher frequencies due to core distortion.

