

# JANTZEN AUDIO

## WAX COIL

WAX IMPREGNATED COPPER FOIL AUDIO INDUCTOR



# PRODUCT FEATURES

The Wax Coil is a paraffin-wax impregnated foil-based inductor.

It is a high-performance foil inductor offering improved power handling and dynamic head room, compared to mainly single wire-based inductors, but also compared to litz multi-strand wire inductors.

The wax impregnation protects the copper foil and ensures the integrity of the windings for decades of high performance.

Using pure copper foil we have ensured a larger and better surface for electron travel and a great reduction in unwanted distortion.

The Wax Coil is a further development of the Cross Coil, using the wax impregnation to further improve our foil-based inductors.

# TECHNICAL DATA

- Made from ETP (Electrolytic-Tough-Pitch) copper foil
- The copper foil is C11000 / IACS certified
- The coil is impregnated with a special paraffin wax
- Available in 8, 12, 14 and 16 AWG
- Inductance tolerance: +/- 2%
- DCR (coil resistance) tolerance: +/- 5%
- Insulation: Paper
- Estimated maximum power handling:

16 AWG – approx. 350 watts RMS

14 AWG – approx. 500 watts RMS

12 AWG – approx. 650 watts RMS

8 AWG – approx. 850 watts RMS