

JANTZEN AUDIO

DENMARK

LITZ WIRE WAX COIL

LITZ WIRE AUDIO INDUCTOR



PRODUCT FEATURES

The Litz Wire Wax Coil is the only wax impregnated litz wire coil on the market.

The Litz Wire Wax Coi was co-engineered with Audiothlon™ in Poland.

Audiothlon™ was looking for an inductor with a price-point and performance level placed somewhere in the middle between wire based and foil based inductors.

The advantage of Litz Wire Coils is that they have many of the advantageous properties of foil based inductors, but are smaller in size.

Also they have have a lower price-point compared to foil based inductors.

Depending on the specific crossover design, these litz wire coils can be a good substitute for foil based inductors.

Litz wire enables inductors to have reduced skin effect and lowered resistance, which in turn offers more dynamic headroom.

The wax impregnation keeps the windings in place and eliminates distortion and microphonic effect.

The Litz Wire Wax Coil offers improved dynamic headroom and a better (larger) surface for the travel of electrons (compared to standard type single-wire inductors)

TECHNICAL DATA

- Made from ETP (Electrolytic-Tough-Pitch) C11000 / IACS certified copper wire
- Available in 15 AWG (7 x 0.5 mm stranded wires)
- Wax impregnated to eliminate distortion and microphonic effect
- Wire is designed to reduce skin and proximity effect losses in conductors up to frequencies of approx. 1 MHz
- Inductance tolerance: +/- 3%
- RDC tolerance: +/- 5%