

JANTZEN AUDIO

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 and lower in cost.

Depending on the specific crossover design, the 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, compared to single wire-based inductors.

The wax impregnation secures the integrity of the windings and greatly reduces unwanted distortion and microphonic effect.

TECHNICAL DATA

- Made from ETP (Electrolytic-Tough-Pitch) C11000 / IACS certified copper wire
- Available in 14 AWG (7 x 0,63 mm stranded wires) and 15 AWG (7 x 0.5 mm stranded wires)
- Wax impregnated to greatly reduce unwanted distortion and microphonic effect
- The wire is designed to reduce skin and proximity effect losses in conductors up to frequencies of approx. 1 MHz
- Inductance tolerance: +/- 3%
- DCR (coil resistance) tolerance: +/- 5%