

## CROSS COIL™



The Jantzen Audio Cross Coil™ was developed in cooperation with Audio Technology™ of Denmark.

Using pure copper foil we have insured a better surface for electron travel, a better distortion reduction and higher power handling, compared to wire inductors.

### HIGHLIGHTS

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**High performance foil inductor offering improved power handling and dynamic head room**

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**Available in 8, 12, 14 and 16 AWG to suit any crossover application**

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**The coil is wrapped in clear shrink foil to protect the outer layer of foil and to help sustain winding integrity**

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**Lowered distortion compared to single wire based inductors**

## TECHNICAL INFORMATION

- Made from ETP (Electrolytic-Tough-Pitch) C11000 / IACS certified copper
- Available in 8, 12, 14 and 16 AWG
- Inductance tolerance: +/- 2%
- RDC tolerance: +/- 5%
- Insulation: Polypropylene shrink foil (clear)
- Using copper foil offers improved dynamic headroom and a better surface for the travel of electrons (compared to standard type single-wire inductors)
- If you take a 1.6 mm<sup>2</sup> copper wire and roll it flat, the copper surface area becomes 12 times larger.

And why is this an advantage?

We know that with rising frequency, the electrons will reach for the surface. This Phenomenon is known as power distortion. And this is why we need as large a surface as we can get, so the electrons do not "get squeezed" along the way.

Until recently, the only disadvantage with foil inductors was the price. But with Jantzen Audio's new production methods and specially constructed machinery, the price has been greatly reduced.

- Power handling:
  - 16 AWG – 350 watts RMS
  - 14 AWG – 500 watts RMS
  - 12 AWG – 650 watts RMS
  - 8 AWG – 850 watts RMS