

JANTZEN AUDIO

Iron Core Coil with discs



PRODUCT FEATURES

We generally only recommended application of Iron Core Coils for bass & mid-range sections on crossovers.

The Iron Core Coils feature low DCR which does not alter driver damping factor or add to loss of efficiency.

Power handling capability is determined by core size and wire thickness.

It features high-purity copper wire and is made with baked wire (bonding lacquer) spliced onto an iron (non-ferrite) core.

The iron core coil with end disc features less copper wire and due to more core/disc material thereby also higher distortion, but have a lower cost due to less copper usage.

Low inductance tolerance of +/-3%.

TECHNICAL DATA

- Wound with ETP (Electrolytic-Tough-Pitch) C11000 / IACS certified copper wire with insulation and bonding lacquers
- Inductance tolerance: +/- 3%
- DCR (coil resistance) tolerance: +/- 3%

Available wire gauges:

- 0,30 mm (29 AWG)
- 0,40 mm (26 AWG)
- 0,50 mm (24 AWG)
- 0,63 mm (22 AWG)
- 0,70 mm (21 AWG)
- 0,80 mm (20 AWG)
- 1,00 mm (18 AWG)
- 1,2 mm (17 AWG)
- 1,4 mm (15 AWG)
- 1,6 mm (14 AWG)
- 1,8 mm (13 AWG)