

AMBER Z-CAP

PURE COPPER FOIL CAPACITOR



PRODUCT FEATURES

The Amber Z-Cap is a super high-end pure copper foil capacitor, designed specifically for passive crossovers (mainly tweeters).

They are also equally well suited for mid-range application, but due to the price point of these super high-end capacitors, they will most often be used for tweeter application.

The Amber Z-Cap builds on the same design principles of our already critically acclaimed Alumen Z-Caps.

The differences between the two are subtle, but to the connoisseur listener, the listening experience will still be a clear improvement in the overall tonal balance.

Copper foil has a noticeable positive impact on the “flavour” of the sound.

This “flavour” of copper foil is best described as an even more neutral/natural depiction of vocals and instruments.

This is paired with the enhancements in transparency and detail richness on an even higher level compared metalized polypropylene capacitors (MKP / Super MKP capacitors).

KEY INNOVATIONS

- An extremely fast reacting capacitor
- Ultra thin dielectric insulation to eliminate memory effect in the capacitor
- Very low ESR, SEL, inductance and dielectric absorption data
- High quality pure copper foil wound with highly specialised machinery and precision winding techniques
- The center of the capacitor is enforced by small steel balls to further ensure stability and shape of the capacitor
- The specialised winding technique and overall quality of this capacitor enables us to offer a high-end product with a lot less distortion compared to the market standard
- Specifically designed for the tweeter and mid-range section of passive crossovers
- Can also be used as coupling capacitors for transistor amplifiers

TECHNICAL DATA

- **Capacitor foil:** 99.99% purity cold-rolled copper foil
- **Dielectric insulation film:** Polypropylene
- **Voltage rating:** 200 VDC / 130 VAC
- **Capacitance tolerance:** +/- 3 to 5% (on nominal value)
- **Temperature range:** - 30C to + 85C
- **Extremely low ESR and SEL data**
- **Non inductive construction**
- **Terminal leads:** Pure PCOCC grade copper
- **Dissipation factor:** .0001
- **Signal direction:** None (non-polarised capacitor)

VALUES AND SIZES

- 1,00 μ F (\varnothing 15mm - L: 86mm) (Product Index: 001-7222)
- 1,50 μ F (\varnothing 26mm - L: 86mm) (Product Index: 001-7224)
- 2,20 μ F (\varnothing 30mm - L: 86mm) (Product Index: 001-7228)
- 2,70 μ F (\varnothing 30mm - L: 86mm) (Product Index: 001-7230)
- 3,30 μ F (\varnothing 30mm - L: 86mm) (Product Index: 001-7235)
- 3,90 μ F (\varnothing 36mm - L: 96mm) (Product Index: 001-7237)
- 4,70 μ F (\varnothing 51mm - L: 96mm) (Product Index: 001-7240)
- 5,60 μ F (\varnothing 51mm - L: 96mm) (Product Index: 001-7243)
- 6,80 μ F (\varnothing 62mm - L: 96mm) (Product Index: 001-7250)
- 8,20 μ F (\varnothing 62mm - L: 96mm) (Product Index: 001-7253)