

ALUMEN Z-CAP

PURE ALUMINUM FOIL CAPACITOR



PRODUCT FEATURES

The Alumen Z-Cap is a high-end pure aluminum foil capacitor, designed specifically for passive crossovers (tweeters and midrange drivers).

It utilises a much thinner dielectric insulation compared to the market standard.

A high voltage rating is not needed for application related to passive loudspeaker crossovers.

The usage of a thinner dielectric insulator allows for a capacitors with less “memory” and one that is much faster reacting.

The Alumen Z-Cap offers unparalleled value for money in terms of cost versus performance.

Compared to the Superior and Silver Z-Caps (Super MKP / double metalised polypropylene foil) capacitors, the Alumen Z-Cap will bring less brightness and a little more natural top end balance to your system.

Ideal for audio aficionados who prefer a slightly less bright system, while also hearing improvements in the overall naturalness/neutrality of the system as a whole.

KEY INNOVATIONS

- Ultra thin dielectric insulation to eliminate memory effect in the capacitor
- An extremely fast reacting capacitor
- Very low ESR, SEL, inductance and dielectric absorption data
- High quality pure aluminum foil wound with highly specialised machinery and precision winding techniques
- 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: Pure aluminum
- Dielectric insulation film: Polypropylene
- Voltage rating: 100 VDC / 65 VAC
- Capacitance tolerance: +/- 3% (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 (\emptyset 22mm - L: 70mm) (Product Index: 001-7022)
- ▶ 1,50 μ F (\emptyset 26mm - L: 70mm) (Product Index: 001-7025)
- ▶ 2,20 μ F (\emptyset 22mm - L: 80mm) (Product Index: 001-7028)
- ▶ 2,70 μ F (\emptyset 26mm - L: 81mm) (Product Index: 001-7030)
- ▶ 3,30 μ F (\emptyset 26mm - L: 96mm) (Product Index: 001-7035)
- ▶ 3,90 μ F (\emptyset 26mm - L: 96mm) (Product Index: 001-7037)
- ▶ 4,70 μ F (\emptyset 26mm - L: 96mm) (Product Index: 001-7040)
- ▶ 5,60 μ F (\emptyset 30mm - L: 96mm) (Product Index: 001-7045)
- ▶ 6,80 μ F (\emptyset 31mm - L: 105mm) (Product Index: 001-7050)
- ▶ 8,20 μ F (\emptyset 31mm - L: 105mm) (Product Index: 001-7055)
- ▶ 10,00 μ F (\emptyset 31mm - L: 105mm) (Product Index: 001-7060)