

## ALUMEN Z-CAP™



The Jantzen Audio Alumen Z-Cap™ offers unparalleled performance for the tweeter and mid-range section of crossovers. The performance is very close to our SilverGold Z-Cap, but with slightly less brightness and a little more natural top end balance, for customers who prefer a slightly less bright system.

### HIGHLIGHTS

Top of the range pure aluminum foil capacitor, with a slightly less bright and slightly softer tonal profile, compared to high-end Silver/SilverGold based PP super capacitors

Featuring extremely low ESR, inductance and dielectric absorption

A luxury capacitor designed especially for modern high-end tweeters and mid-range drivers

Available in 1.0, 1.5, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2 and 10.00  $\mu\text{F}$

## **TECHNICAL INFORMATION**

- Pure aluminum foil with PP dielectric insulation
- Voltage rating: 100 VDC
- Capacitance tolerance : +/- 3% centered on nominal value
- Temperature range: -30C to +85C
- Extremely low ESR and SEL
- Non inductive construction
- Terminal leads are made from PCOCC copper (oxygen free)
- Dissipation factor: .0001
- Non-polarized capacitor

The Alumen Z-Caps are made with a much thinner dielectric insulator, compared to the market standard.

This is done because a high voltage rating is not needed for application on crossovers for passive loudspeakers.

The usage of a thinner dielectric insulator allows for capacitors with less "memory" and allows for a much faster reacting capacitor.