

## PREMIUM ELKO™



The Premium ELKOs are made with a smooth foil to allow for low loss and offers a better performance and sound in audio application.

Electrolytic Capacitors are in small in size and offers good performance on crossovers, where sizing is an important factor.

These capacitors are especially excellent for the bass section of crossovers, due to their reasonable pricing in high capacitance values.

### HIGHLIGHTS

Top of the range electrolytic capacitors that are made in Germany. Extremely precise capacitors with a low tolerance of only 5% on capacitance

Featuring extremely low ESR/SEL, low loss factor and less dielectric absorption

Made with a smooth foil, which makes for better sonic properties than electrolytic capacitors made with etched foil

Available in 3.3, 22, 33, 47, 56, 68, 82 and 100 µF

## **TECHNICAL INFORMATION**

- Primary and secondary aluminum foils that offers AC voltage resistance, which make them highly suitable for audio application.
- Voltage rating: 70 VDC
- Capacitance tolerance : +/- 5% - centered on nominal value
- Temperature range: -40°C/ -40°F to 85°C/+185°F
- Electric strength: AC50 - DC70
- Life span: [UR · R~] 5000 hours at +85°C/+185°F
- Loss angle:  $\tan \delta = 0.025@1\text{kHz}$
- Extremely low ESR and SEL
- **Bi-polar capacitor**

The Premium ELKOs are made with a much thinner dielectric insulation and, compared to more inexpensive electrolytic capacitors.

This is done because a higher 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.