

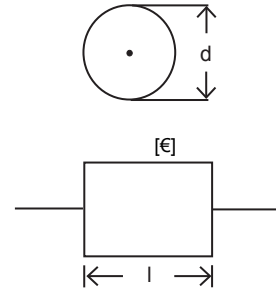
Aluminium electrolytic capacitors are used in applications for which film capacitors are not suitable for reason of space and/or cost. Polarised electrolytic capacitors which have the most compact design and are therefore used for very high capacities (e.g. for the voltage supply of amplifiers) cannot transfer any audio signal because audio signals are AC signals.

Bipolar electrolytic capacitors such as the ECap AC series have a second aluminium foil providing AC voltage resistance and thus making them suitable for music signals. Further special features of all **ECap AC capacitors**:

Short delivery times      Any values listed on page 14/15 are normally immediately available from stock  
Special designs are available within only 4-6 weeks and already from a quantity of 144 items

Variety of applications      RoHS-compliant · lead-free  
REACH-compliant  
All ingredients are UL listed  
Specifications according to DIN 41332 · IEC 60384-4  
Thermal tests according to IEC 60068 40/105/56

Guarantee of origin      Manufactured in Germany



The bipolar electrolytic capacitors of the **ECap AC · Audio Coupling & Signal Cap RAW** series have foils with surfaces which are roughened by a special etching process thus enlarging the surface. As the capacity of capacitors is proportional to their surface, this process provides the smallest and cheapest Mundauf audio capacitors. Additional special features:

Capacity range      1µF to 800µF  
Electric strength      AC23 DC63 · AC35 DC100  
Temperature range      -40°C/-40°F to 85°C/+185°F  
Service life [U<sub>R</sub> · I<sub>R~</sub>]      3,000 hours at +85°C/+185°F  
Loss angle [tan α]      0.050 @ 1kHz



**ECAP100** (formerly br100)

**Electrolytic capacitors 100 VDC / 35 VAC, raw**

Capacity [µF] ±5%	Body Ø * L [mm]	Wire Ø * L [mm]
10	10 * 30	0,8 * 60
15	10 * 30	0,8 * 60
47	14 * 37	0,8 * 60
56	14 * 38	0,8 * 60
68	16 * 39	0,8 * 60
82	18 * 39	0,8 * 60
100	18 * 39	0,8 * 60

**ECAP63** (formerly br63)

**Electrolytic capacitors 63 VDC / 23 VAC, raw**

Capacity [µF] ±5%	Body Ø * L [mm]	Wire Ø * L [mm]
150	14 * 37	0,8 * 60
220	16 * 39	0,8 * 60
270	21 * 36	0,8 * 60
330	21 * 36	0,8 * 60
390	25 * 38	0,8 * 60
470	25 * 38	0,8 * 60
680	25 * 38	0,8 * 60