

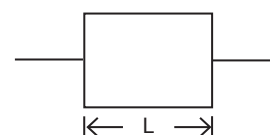
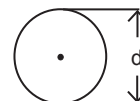
Aluminium electrolytic capacitors are used in applications for which film capacitors are not suitable for reason of space and/or cost. Polarised electrolytic capacitors which have the most compact design and are therefore used for very high capacities (e.g. for the voltage supply of amplifiers) cannot 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 18/19 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 Mundorf 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_R · I_R] 3,000 hours at +85°C/+185°F
Loss angle [tan α] 0.050 @ 1kHz



ECAP100

Electrolytic capacitors 100 VDC / 35 VAC, raw

Capacity [µF] ±5%	Body Ø * L [mm]	Wire Ø * L [mm]	[€]
10	10 * 30	0.8 * 40	
15	10 * 30	0.8 * 40	
22	12 * 30	0.8 * 40	
33	12 * 30	0.8 * 40	
47	14 * 37	0.8 * 40	
56	14 * 37	0.8 * 40	
68	16 * 39	0.8 * 40	
82	18 * 39	0.8 * 40	
100	18 * 39	0.8 * 40	

ECAP63

Electrolytic capacitors 63 VDC / 23 VAC, raw

Capacity [µF] ±5%	Body Ø * L [mm]	Wire Ø * L [mm]
150	14 * 37	0.8 * 40
180	16 * 39	0.8 * 40
220	16 * 39	0.8 * 40
270	21 * 36	0.8 * 40
330	21 * 36	0.8 * 40
390	25 * 38	0.8 * 40
470	25 * 38	0.8 * 40
560	25 * 38	0.8 * 40
680	25 * 38	0.8 * 40



The bipolar electrolytic capacitors of the **ECap AC · Audio Coupling & Signal Cap PLAIN** series are made of smooth and thus low-loss foils. This has a positive effect on the sound characteristics. Music is reproduced in more details and nuances. Highlights:

Capacity range	1µF to 200µF
Electric strength	AC23 DC35 · AC35 DC50 · AC50 DC70
Temperature range	-40°C/-40°F to 85°C/+185°F
Service life [U _R · I _{R~}]	5,000 hours at +85°C/+185°F
Loss angle [tan α]	0.025 @ 1kHz

ECAP70

Electrolytic capacitors 70 VDC / 50 VAC, plain

Capacity [µF] ±5%	Body Ø * L [mm]	Wire Ø * L [mm]	[]
1,0	10 * 20	0.8 * 40	
1,5	10 * 20	0.8 * 40	
2,2	10 * 30	0.8 * 40	
2,7	10 * 30	0.8 * 40	
3,3	10 * 30	0.8 * 40	
3,9	10 * 30	0.8 * 40	
4,7	10 * 30	0.8 * 40	
5,6	12 * 30	0.8 * 40	
6,8	12 * 30	0.8 * 40	
8,2	14 * 37	0.8 * 40	
10	14 * 37	0.8 * 40	
15	18 * 39	0.8 * 40	
22	25 * 38	0.8 * 40	
33	25 * 38	0.8 * 40	
47	25 * 49	0.8 * 40	

ECAP50

Electrolytic capacitors 50 VDC / 35 VAC, plain

Capacity [µF] ±5%	Body Ø * L [mm]	Wire Ø * L [mm]
47	25 * 38	0.8 * 40
56	25 * 49	0.8 * 40
68	25 * 49	0.8 * 40
82	30 * 50	0.8 * 40
100	30 * 50	0.8 * 40