

ECap AC RAW

Aluminium electrolytic capacitors are used in applications for which film capacitors are not suitable for reasons of space and/or cost. Polarized 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.

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.

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.

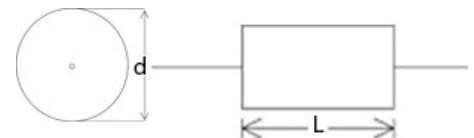
Further special features of all ECap AC capacitors:

Short delivery times	Any values listed below 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



Specifications:

Capacity range: 1µF to 800µF
 Electric strength: AC23 DC63 · AC35 DC100
 Temperature range: -40°C/ -40°F to 85°C/+185°F
 Service life: [UR · R~] 3000 hours at +85°C/+185°F
 Loss angle: $\tan \delta = 0.050@1\text{kHz}$



	[μ F]		\varnothing *L [mm]	\varnothing *L [mm]	[€]
ECAP100-10	10 \pm 5%	35 / 100	10 * 30	0.8 * 40	1,39
ECAP100-15	15 \pm 5%	35 / 100	10 * 30	0.8 * 40	1,59
ECAP100-22	22 \pm 5%	35 / 100	12 * 30	0.8 * 40	1,79
ECAP100-33	33 \pm 5%	35 / 100	12 * 30	0.8 * 40	1,99
ECAP100-47	47 \pm 5%	35 / 100	14 * 37	0.8 * 40	2,29
ECAP100-56	56 \pm 5%	35 / 100	14 * 38	0.8 * 40	2,59
ECAP100-68	68 \pm 5%	35 / 100	16 * 39	0.8 * 40	2,99
ECAP100-82	82 \pm 5%	35 / 100	18 * 39	0.8 * 40	3,49
ECAP100-100	100 \pm 5%	35 / 100	18 * 39	0.8 * 40	3,99
ECAP63-150	150 \pm 5%	23 / 63	14 * 37	0.8 * 40	2,99
ECAP63-180	180 \pm 5%	23 / 63	16 * 39	0.8 * 40	3,49
ECAP63-220	220 \pm 5%	23 / 63	16 * 39	0.8 * 40	3,99
ECAP63-270	270 \pm 5%	23 / 63	21 * 36	0.8 * 40	4,49
ECAP63-330	330 \pm 5%	23 / 63	21 * 36	0.8 * 40	4,99
ECAP63-390	390 \pm 5%	23 / 63	25 * 38	0.5 * 40	5,49
ECAP63-470	470 \pm 5%	23 / 63	25 * 38	0.8 * 40	5,99
ECAP63-560	560 \pm 5%	23 / 63	25 * 38	0.8 * 40	6,99
ECAP63-680	680 \pm 5%	23 / 63	25 * 38	0.8 * 40	7,99
