

## ECap AC PLAIN

Aluminium electrolytic capacitors are used in applications for which film capacitors are not suitable for reasons 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) can not transfer any audio signal because audio signals are AC signals.

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.

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.

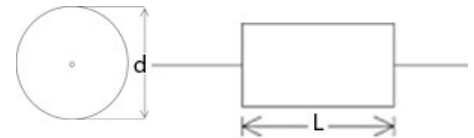
Further special features of all **ECap AC** capacitors:

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 200µF  
 Electric strength: AC23 DC35 · AC35 DC50 · AC50 DC70  
 Temperature range: -40°C / -40°F to 85°C / +185°F  
 Service life: [UR · R~] 5000 hours at +85°C / +185°F  
 Loss angle:  $\tan \delta = 0.025 @ 1\text{kHz}$



	[ $\mu$ F]		$\varnothing$ *L [mm]	$\varnothing$ *L [mm]	[€]
ECAP70-1,00	1,0 $\pm$ 5%	50 / 70	10 * 20	0.8 * 40	1,39
ECAP70-1,50	1,5 $\pm$ 5%	50 / 70	10 * 20	0.8 * 40	1,49
ECAP70-2,20	2,2 $\pm$ 5%	50 / 70	10 * 30	0.8 * 40	1,59
ECAP70-2,70	2,7 $\pm$ 5%	50 / 70	10 * 30	0.8 * 40	1,69
ECAP70-3,30	3,3 $\pm$ 5%	50 / 70	10 * 30	0.8 * 40	1,79
ECAP70-3,90	3,9 $\pm$ 5%	50 / 70	10 * 30	0.8 * 40	1,89
ECAP70-4,70	4,7 $\pm$ 5%	50 / 70	10 * 30	0.8 * 40	1,99
ECAP70-5,60	5,6 $\pm$ 5%	50 / 70	12 * 30	0.8 * 40	2,19
ECAP70-6,80	6,8 $\pm$ 5%	50 / 70	12 * 30	0.8 * 40	2,39
ECAP70-8,20	8,2 $\pm$ 5%	50 / 70	14 * 37	0.8 * 40	2,59
ECAP70-10	10 $\pm$ 5%	50 / 70	14 * 37	0.8 * 40	2,99
ECAP70-15	15 $\pm$ 5%	50 / 70	18 * 39	0.8 * 40	3,99
ECAP70-22	22 $\pm$ 5%	50 / 70	25 * 38	0.8 * 40	4,99
ECAP70-33	33 $\pm$ 5%	50 / 70	25 * 38	0.8 * 40	5,99
ECAP70-47	47 $\pm$ 5%	50 / 70	25 * 49	0.8 * 40	6,99
ECAP50-47	47 $\pm$ 5%	35 / 50	25 * 38	0.8 * 40	5,99
ECAP50-56	56 $\pm$ 5%	35 / 50	25 * 49	0.8 * 40	6,99
ECAP50-68	68 $\pm$ 5%	35 / 50	25 * 49	0.8 * 40	7,99
ECAP50-82	82 $\pm$ 5%	35 / 50	30 * 50	0.8 * 40	8,99
ECAP50-100	100 $\pm$ 5%	35 / 50	30 * 50	0.8 * 40	9,99

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