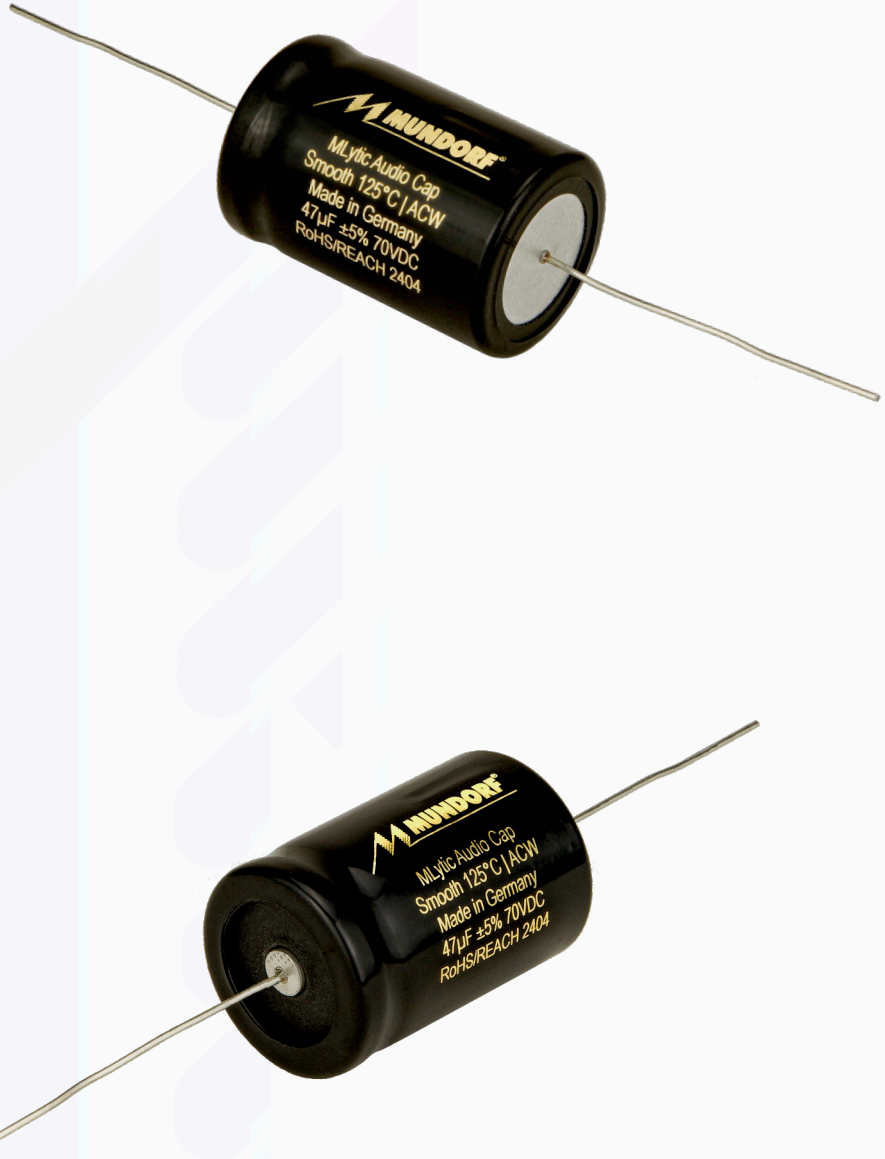


MLytic Audio Cap • Smooth • ACW

Audio Grade Bipolar Electrolytic Capacitor

- Smooth aluminium foil with 125°C electrolyte
- Super soft Abacá-Esparto-Paper (manila hemp)
- Angelique®Copper Leads, tinned

Bipolar Aluminium electrolytic capacitors are used in cost and space effective applications for which film capacitors are not suitable. MLytic AC70 caps can be used, for example, as Audio Coupling & Signal & Filter Components.

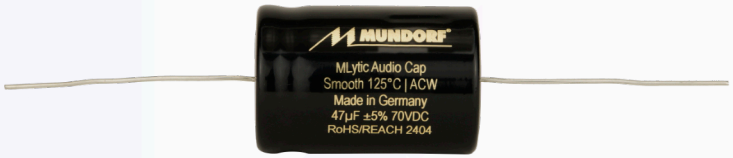
The capacitors of the MLytic AC70 series are made of two smooth low loss foils. They provide AC voltage resistance making them best suitable for music signals. This type of foil is finally available again and has a positive effect on the sound characteristics. Music is reproduced in more details and nuances.

Between these two foils we combine highly flowable, chloride-free and largely water-free longlife 125°C electrolyte with extremely super soft abacá-esparto paper. This is characterized by high mechanical stability, outstanding internal damping and electrolyte absorption capacity.

MLytic AC70 is the first capacitor series that is equipped with ACW-leads made of Angelique®Copper.

Angelique®Copper is a high quality copper alloy to which a certain amount of silver and a certain amount of gold is added. At a price you would not expect from a product enriched with SilverGold. Finally, we got Angelique®Copper‘s exact copper-silver-gold ratio patented. Alternative alloys with more or less silver and/or gold were not as convincing in listening tests.

For electro-physical reasons, the current of the music signal causes any given conductor material to resonate. One negative result of these resonances is a loss of energy, which causes deficits in micro and macro dynamics. Another effect is the signal influencing feedback of those resonances on musical details and sound staging.
In listening comparisons with standard leads, the Angelique®Copper alloy obviously resonates differently and most probably less strongly than the 3 involved metals individually.



	Capacity [µF]	Tolerance [%]	Dielectric Strength DC/AC [V]	Dimensions Ø [mm]	Dimensions Length [mm]	ACW Leads Ø [mm]	ACW Leads Length [mm]	Temperature Range	Weight [g]	Retail Price [€]
MLAC70-1,0T5.ACW	1	±5	70/50	10	25	0,80	30	-40°C/-40°F...+125°C/+255°F	3	2,99
MLAC70-1,5T5.ACW	1,5	±5	70/50	10	30	0,80	30	-40°C/-40°F...+125°C/+255°F	4	3,29
MLAC70-2,2T5.ACW	2,2	±5	70/50	12	30	0,80	30	-40°C/-40°F...+125°C/+255°F	5,5	3,59
MLAC70-2,7T5.ACW	2,7	±5	70/50	14	30	0,80	30	-40°C/-40°F...+125°C/+255°F	7,5	3,99
MLAC70-3,3T5.ACW	3,3	±5	70/50	14	30	0,80	30	-40°C/-40°F...+125°C/+255°F	8	4,49
MLAC70-3,9T5.ACW	3,9	±5	70/50	14	30	0,80	30	-40°C/-40°F...+125°C/+255°F	8,5	4,99
MLAC70-4,7T5.ACW	4,7	±5	70/50	16	30	0,80	30	-40°C/-40°F...+125°C/+255°F	10	5,49
MLAC70-5,6T5.ACW	5,6	±5	70/50	16	30	0,80	30	-40°C/-40°F...+125°C/+255°F	11	5,99
MLAC70-6,8T5.ACW	6,8	±5	70/50	18	30	0,80	30	-40°C/-40°F...+125°C/+255°F	13	6,99
MLAC70-8,2T5.ACW	8,2	±5	70/50	18	37	0,80	30	-40°C/-40°F...+125°C/+255°F	14	7,99
MLAC70-10T5.ACW	10	±5	70/50	21	37	0,80	30	-40°C/-40°F...+125°C/+255°F	16	9,99
MLAC70-15T5.ACW	15	±5	70/50	25	38	0,80	30	-40°C/-40°F...+125°C/+255°F	20	12,90
MLAC70-22T5.ACW	22	±5	70/50	25	50	0,80	40	-40°C/-40°F...+125°C/+255°F	25	16,90
MLAC70-33T5.ACW	33	±5	70/50	30	50	0,80	40	-40°C/-40°F...+125°C/+255°F	29	21,90
MLAC70-47T5.ACW	47	±5	70/50	30	50	0,80	40	-40°C/-40°F...+125°C/+255°F	32	27,90
MLAC70-68T5.ACW	68	±5	70/50	35	66	0,80	40	-40°C/-40°F...+125°C/+255°F	35	33,90
MLAC70-82T5.ACW	82	±5	70/50	35	66	0,80	40	-40°C/-40°F...+125°C/+255°F	38	39,90
MLAC70-100T5.ACW	100	±5	70/50	35	66	0,80	40	-40°C/-40°F...+125°C/+255°F	40	45,90