JANTZEN AUDIO

JANTZEN eLeCap 5%

ALUMINUM ELECTROLYTIC CAPACITOR

PRODUCT FEATURE

The Jantzen eleCap 5%, is a standard-type aluminum electrolytic capacitor, using etched or “raw” foil.

With a low tolerance of only +/- 5% on capacitance, it is a more precise capacitor than most other standard-type electrolytic capacitors that usually have a tolerance of +/-10% on capacitance.

Being both price friendly and versatile, this capacitor is both a sensible choice for bass section application, but also when there is limited space on other sections of the crossover.

TECHNICAL DATA (Part 1 of 2)

- Capacitor foil: Aluminum electrolytic / metal oxide layer
- Voltage rating: 100 VDC / 35 VAC
- Capacitance tolerance: +/- **5%** (on nominal value)
- Capacitance change rate: Less than +/- 20%
- Temperature range: - 40C to + 85C
- Leakage current: < 0.003 CRUR (µA) /120S operation
- Dissipation factor: @1 KHZ, tgδ: Less than 200% of set value / @1 KHZ: less than 0.10
- Signal direction: Non-polarized (bi-polar capacitor)

TECHNICAL DATA (Part 2 of 2)

Capacitance (uF):	DF (Max):	@Frequency	ESR Max. Ω	Size (mm):	Weight (kg):
1	<0,10	1 kHz	15,92	8*17	0,002
1,5	<0,10	1 kHz	10,62	8*17	0,002
2,2	<0,10	1 kHz	7,24	8*17	0,002
2,7	<0,10	1 kHz	5,90	8*17	0,002
3,3	<0,10	1 kHz	4,83	8*17	0,002
3,9	<0,10	1 kHz	4,08	8*19	0,002
4,7	<0,10	1 kHz	3,39	8*19	0,002
5,6	<0,10	1 kHz	2,84	10*19	0,002
6,8	<0,10	1 kHz	2,34	10*19	0,002
8,2	<0,10	1 kHz	1,94	10*19	0,002
10	<0,10	1 kHz	1,59	10*19	0,002
12	<0,10	1 kHz	1,33	10*19	0,002
15	<0,10	1 kHz	1,06	10*19	0,002
18	<0,10	1 kHz	0,88	10*24	0,003
22	<0,10	1 kHz	0,72	10*24	0,003
27	<0,10	1 kHz	0,59	13*27	0,005
33	<0,10	1 kHz	0,48	13*27	0,005
39	<0,10	1 kHz	0,41	13*32	0,005
47	<0,10	1 kHz	0,34	13*32	0,006
56	<0,10	1 kHz	0,28	13*32	0,006
68	<0,10	1 kHz	0,23	16*34	0,006
82	<0,10	1 kHz	0,19	16*34	0,009
100	<0,10	1 kHz	0,16	16*34	0,009
120	<0,10	1 kHz	0,13	16*34	0,009
150	<0,10	1 kHz	0,11	16*34	0,009
220	<0,10	1 kHz	0,07	16*34	0,011
270	<0,10	1 kHz	0,06	18*44	0,017
300	<0,10	1 kHz	0,05	22*45	0,021
330	<0,10	1 KHz	0,05	22*45	0,022
470	<0,10	120 Hz	0,28	22*45	0,025
560	<0,10	120 Hz	0,24	25*52	0,034
820	<0,10	120 Hz	0,16	25*52	0,035