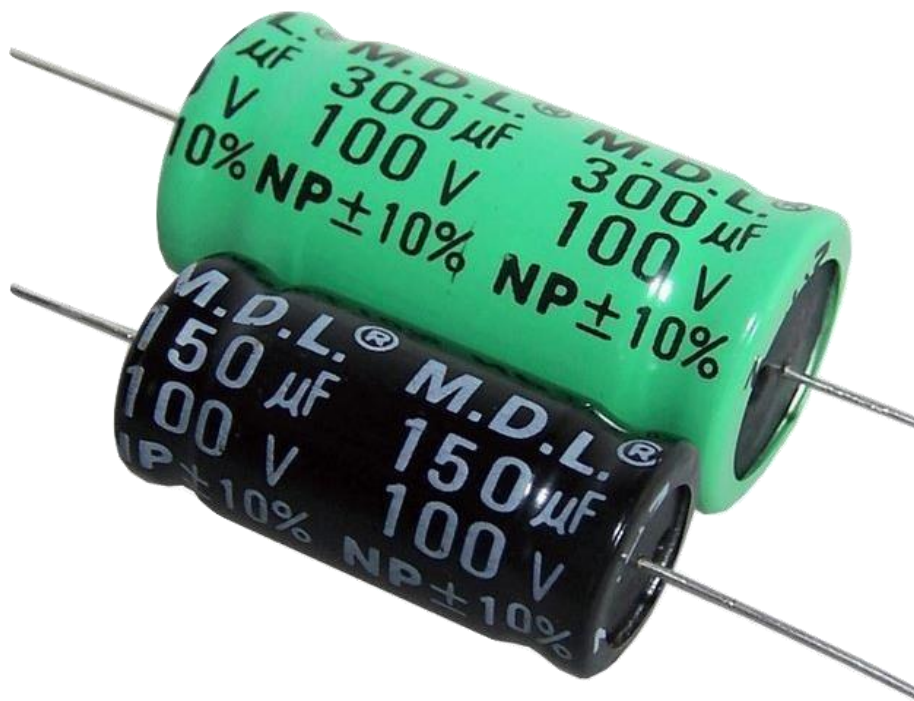


# JANTZEN AUDIO

## ELECTROLYTIC CAP

ALUMINUM ELECTROLYTIC CAPACITOR



# PRODUCT FEATURE

The Electrolytic Cap is standard type aluminum electrolytic capacitor.

It offers great usability for budget and medium range crossover application.

A great choice for bass section on crossovers.

Being price friendly and versatile, this capacitor is great for lower budget application and when there is limited space on the crossover.

# TECHNICAL DATA (Part 1 of 5)

- Capacitor foil: Aluminum electrolytic / metal oxide layer
- Voltage rating: 100 VDC / 35 VAC
- Capacitance tolerance: +/- 10% (on nominal value)
- Capacitance change rate: Less than +/- 20%
- Temperature range: - 40C to + 85C
- Leakage current: < 0.003 CRUR ( $\mu$ A) /120S operation
- Dissipation factor: @1 KHZ,  $\text{tg}\delta$ : Less than 200% of set value / @1 KHZ: less than 0.10
- Signal direction: Non (non-polarized capacitor)

# TECHNICAL DATA (Part 2 of 5)

Capacitance and D.F measured at 1 kHz @ 20°C

RATED CAP ( $\mu$ F)	CAP TOL (%)	WORKING VOLTAGE (V. DC)	SURGE VOLTAGE (V. DC)	LEAKAGE CURRENT ( $\mu$ A)	TAN $\delta$ % MAX	DIMENSION		
						D	L	d
1	$\pm 10$	100	125	6	10	8	17	0.6
1.5	$\pm 10$	100	125	7.5	10	8	17	0.6
3.3	$\pm 10$	100	125	12.9	10	8	17	0.6
3.9	$\pm 10$	100	125	14.7	10	8	19	0.6
4.7	$\pm 10$	100	125	17.1	10	8	19	0.6
5.6	$\pm 10$	100	125	19.8	10	8	19	0.6
6.8	$\pm 10$	100	125	23.4	10	8	19	0.6
10	$\pm 10$	100	125	33	10	10	19	0.6

# TECHNICAL DATA (Part 3 of 5)

Capacitance and D.F measured at 1 kHz @ 20°C

RATED CAP ( $\mu$ F)	CAP TOL (%)	WORKING VOLTAGE (V. DC)	SURGE VOLTAGE (V. DC)	LEAKAGE CURRENT ( $\mu$ A)	TAN $\delta$ % MAX	DIMENSION		
						D	L	d
12	$\pm 10$	100	125	39	10	10	24	0.6
15	$\pm 10$	100	125	48	10	10	24	0.6
18	$\pm 10$	100	125	57	10	10	24	0.6
22	$\pm 10$	100	125	69	10	10	24	0.6
27	$\pm 10$	100	125	84	10	13	27	0.8
33	$\pm 10$	100	125	102	10	13	27	0.8
39	$\pm 10$	100	125	120	10	13	27	0.8
47	$\pm 10$	100	125	144	10	13	27	0.8
56	$\pm 10$	100	125	171	10	13	32	0.8
68	$\pm 10$	100	125	207	10	13	32	0.8

# TECHNICAL DATA (Part 4 of 5)

Capacitance and D.F measured at 1 kHz @ 20°C

RATED CAP ( $\mu$ F)	CAP TOL (%)	WORKING VOLTAGE (V. DC)	SURGE VOLTAGE (V. DC)	LEAKAGE CURRENT ( $\mu$ A)	TAN $\delta$ % MAX	DIMENSION		
						D	L	d
82	$\pm 10$	100	125	249	10	16	34	0.8
100	$\pm 10$	100	125	303	10	16	34	0.8
120	$\pm 10$	100	125	363	10	16	34	0.8
150	$\pm 10$	100	125	453	10	16	34	0.8
220	$\pm 10$	100	125	663	10	18	44	0.8
270	$\pm 10$	100	125	813	10	22	44	0.8
300	$\pm 10$	100	125	903	10	22	44	0.8

RATED CAP ( $\mu$ F)	CAP TOL (%)	WORKING VOLTAGE (V. DC)	SURGE VOLTAGE (V. DC)	LEAKAGE CURRENT ( $\mu$ A)	TAN $\delta$ % MAX	DIMENSION		
						D	L	d
330	$\pm 10$	100	125	993	10	22	44	0.8
560	$\pm 10$	100	125	1683	10	22	44	0.8

# TECHNICAL DATA (Part 5 of 5)

Capacitance (uF)	DF (Max.)	Frequency (Hz)	ESR(Max.) $\Omega$
1,00	0,10	1000	15,92
1,50	0,10	1000	10,62
2,20	0,10	1000	7,24
2,70	0,10	1000	5,90
3,30	0,10	1000	4,83
3,90	0,10	1000	4,08
4,70	0,10	1000	3,39
5,60	0,10	1000	2,84
6,80	0,10	1000	2,34
8,20	0,10	1000	1,94
10,00	0,10	1000	1,59
12,00	0,10	1000	1,33
15,00	0,10	1000	1,06
18,00	0,10	1000	0,88
22,00	0,10	1000	0,72
27,00	0,10	1000	0,59
33,00	0,10	1000	0,48
39,00	0,10	1000	0,41
47,00	0,10	1000	0,34
56,00	0,10	1000	0,28
68,00	0,10	1000	0,23
82,00	0,10	1000	0,19
100,00	0,10	1000	0,16
120,00	0,10	1000	0,13
150,00	0,10	1000	0,11
220,00	0,10	1000	0,07
270,00	0,10	1000	0,06
330,00	0,10	120	0,40
560,00	0,10	120	0,24

# VALUES AND SIZES

- ▶ 1,00 $\mu$ F ( $\varnothing$  8mm - L: 13mm) (Product Index: 001-6005)
- ▶ 1,50 $\mu$ F ( $\varnothing$  8mm - L: 18mm) (Product Index: 001-6008)
- ▶ 2,20 $\mu$ F ( $\varnothing$  8mm - L: 18mm) (Product Index: 001-6011)
- ▶ 2,70 $\mu$ F ( $\varnothing$  8mm - L: 18mm) (Product Index: 001-6014)
- ▶ 3,30 $\mu$ F ( $\varnothing$  8mm - L: 18mm) (Product Index: 001-6017)
- ▶ 3,90 $\mu$ F ( $\varnothing$  8mm - L: 18mm) (Product Index: 001-6020)
- ▶ 4,70 $\mu$ F ( $\varnothing$  10mm - L: 19mm) (Product Index: 001-6023)
- ▶ 5,60 $\mu$ F ( $\varnothing$  10mm - L: 20mm) (Product Index: 001-6026)
- ▶ 6,80 $\mu$ F ( $\varnothing$  10mm - L: 20mm) (Product Index: 001-6029)
- ▶ 8,20 $\mu$ F ( $\varnothing$  10mm - L: 20mm) (Product Index: 001-6032)
- ▶ 10,00 $\mu$ F ( $\varnothing$  10mm - L: 20mm) (Product Index: 001-6035)
- ▶ 12,00 $\mu$ F ( $\varnothing$  10mm - L: 20mm) (Product Index: 001-6038)
- ▶ 15,00 $\mu$ F ( $\varnothing$  10mm - L: 20mm) (Product Index: 001-6041)
- ▶ 18,00 $\mu$ F ( $\varnothing$  10mm - L: 20mm) (Product Index: 001-6044)
- ▶ 22,00 $\mu$ F ( $\varnothing$  10mm - L: 24mm) (Product Index: 001-6047)
- ▶ 27,00 $\mu$ F ( $\varnothing$  13mm - L: 27mm) (Product Index: 001-6050)
- ▶ 33,00 $\mu$ F ( $\varnothing$  13mm - L: 27mm) (Product Index: 001-6056)
- ▶ 39,00 $\mu$ F ( $\varnothing$  13mm - L: 27mm) (Product Index: 001-6059)



# VALUES AND SIZES

- ▶ 47,00 $\mu$ F ( $\emptyset$  13mm - L: 27mm) (Product Index: 001-6062)
- ▶ 56,00 $\mu$ F ( $\emptyset$  13mm - L: 32mm) (Product Index: 001-6065)
- ▶ 68,00 $\mu$ F ( $\emptyset$  13mm - L: 32mm) (Product Index: 001-6068)
- ▶ 82,00 $\mu$ F ( $\emptyset$  16mm - L: 33mm) (Product Index: 001-6071)
- ▶ 100,00 $\mu$ F ( $\emptyset$  16mm - L: 33mm) (Product Index: 001-6074)
- ▶ 120,00 $\mu$ F ( $\emptyset$  16mm - L: 34mm) (Product Index: 001-6077)
- ▶ 150,00 $\mu$ F ( $\emptyset$  16mm - L: 34mm) (Product Index: 001-6080)
- ▶ 220,00 $\mu$ F ( $\emptyset$  18mm - L: 27mm) (Product Index: 001-6083)
- ▶ 270,00 $\mu$ F ( $\emptyset$  22mm - L: 44mm) (Product Index: 001-6086)
- ▶ 300,00 $\mu$ F ( $\emptyset$  22mm - L: 44mm) (Product Index: 001-6089)
- ▶ 330,00 $\mu$ F ( $\emptyset$  18mm - L: 43mm) (Product Index: 001-6092)
- ▶ 560,00 $\mu$ F ( $\emptyset$  22mm - L: 44mm) (Product Index: 001-6095)