

El-Ci-Ar High Voltage POLYPROPYLENE FILM CAPACITORS

MAIN APPLICATION: Panels for High Voltage Power line Testing equipment. Distribution and Maintenance of Power Transmission Installations.

FEATURES: High Voltage withstanding capacitor, designed for reliable AC Voltage performance. Low Loss dielectric and special design ensure excellent High Voltage withstanding properties.

CONSTRUCTION: Film and foil, extended foil, non-inductive construction ; Axial construction, Plastic tube encased, resin filled.

SPECIFICATIONS :

MAX TEMP RATING: 85° C

CAPACITANCE VALUE: 680 pF ~ 0.05 μ F

RATED VOLTAGE (DC) V_R :- 5 KV DC / 10 KV DC

CAPACITANCE TOLERANCE: $\pm 2\%$, $\pm 5\%$, $\pm 10\%$.

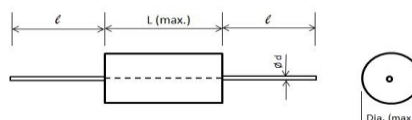
VOLTAGE PROOF TEST :

VDC : $2 \times V_R$ for 2 seconds
1.6 $\times V_R$ for 2 seconds

5000
10000 VDC :

TAN δ : $\leq 0.1\%$ at 1 KHz.

Insulation resistance: IR ≥ 50000 M Ω at 500 VDC after 1 minute.



Axial capacitor dimensions sketch

Dimensions :

Rated Voltage	Capacitor Values		Maximum Dimensions (mm)		
	(in μ F and nF)		Dia.	L	d
DC	μ F	nF (KpF)	Max	Max	± 0.05
5,000	0.0033	3.3	10	46	1.00
	0.0047	4.7	11	46	1.00
	0.01	10	15	46	1.00
	0.022	22	20	46	1.00
10,000	0.00068	0.68	19	52	1.00
	0.0012	1.2	19	52	1.00
	0.0015	1.5	19	52	1.00
	0.0022	2.2	22	52	1.20
	0.0029	2.9	22	52	1.20
	0.0039	3.9	22	52	1.20
	0.0047	4.7	25	52	1.20
	0.01	10	31	52	1.20

Above capacitors have been developed for some customers.

We can make other values as well, against your enquiry.

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