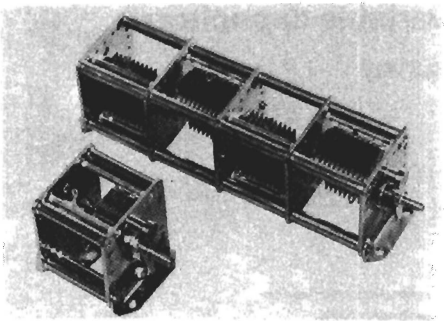


variable capacitors

precision tuning capacitors

2222 805

These capacitors are used in the top flight of telecommunication and measuring equipment. They feature high stability under extreme conditions, close law tolerance, and allow design flexibility. We can supply standard products as shown below, or custom designs to meet your specific needs – including special laws and gear mechanisms.



Rated d.c. voltage	50 to 75% of test voltage depending on ambient conditions
Category temperature range	−40 to +85 °C
Temperature coefficient	20 to 50 ppm/ °C
Insulation resistance	> 10 000 MΩ
Contact resistance	≤ 5 mΩ

linear law					linear law					logarithmic law				
a x b = 40 x 40 mm					a x b = 60 x 60 mm					a x b = 60 x 60 mm				
single-stator or differential type					single-stator type					single-stator type				
split-stator type					split-stator type					split-stator type				
nom swing	C _{min}	d.c. test	C _{min}	d.c. test	C _{min}	d.c. test	C _{min}	d.c. test	C _{min}	d.c. test	C _{min}	d.c. test	C _{min}	d.c. test
pF	± 1 pF	voltage	± 1 pF	voltage	± 1 pF	voltage	± 1 pF	voltage	± 1 pF	voltage	± 1 pF	voltage	± 1 pF	voltage
	pF	V	pF	V	pF	V	pF	V	pF	V	pF	V	pF	V
10			3	3000										
16	8	2500	3,6	2000										
25	8,5	2000	4	2000										
32								5	4000				5	2500
40	9	1500	4	1600				5	3000				5	2500
50								5	3000				5,5	2000
64	9	1000	4	1300				5	2500				5,5	2000
80								5,5	2000				5,5	1600
100	10	1000						5,5	2000				5,5	1600
125					14,5	2000	5,5	2000	13	1500	5,5	1600	5,5	1600
160	11	800			15	2000	6	1600	13	1250	5,5	1300		
200					15,5	1500				14,5	1000			
250	11,5	650			16	1250				14,5	1000			
320					16	1250				14	1000			
400					17,5	1000				14	800			
500					19	1000				14	800			
640					20,5	1000				14	650			
					21,5	800								

Dimensions (mm)			
a x b	40 x 40	60 x 60	
L 1 gang	45	67	
2 gangs	76,5	117,5	
3 gangs	108	168	
4 gangs	139,5	218,5	
t	22	35	
c	31,5	50,5	
l	16	18	
h	22,5	32,5	
f	10	14,5	

