

OWF-无局部放电耦合电容器

OWF- Partial Discharge Free Coupling Capacitor

概述：General Introduction

产品主要应用于局放测试时的信号取样，是局放试验必不可少的试验设备。

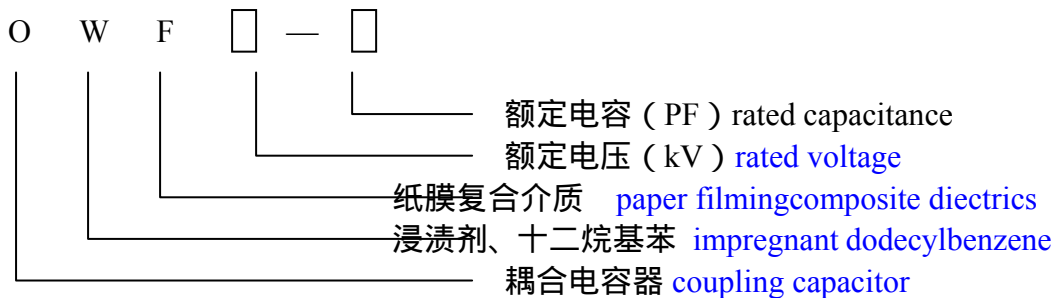
The product is mainly used in signal sampling in partial discharge test. It is necessary for partial discharge test.



主要技术性能 Main technical features

1. 电容器在额定电压 U_n 下可连续运行 8 小时。
Continuously run for 8 hours under rated voltage of U_n .
2. 电容器电容量偏差范围：-5-10% C_n 。
Deviation range of capacitance: -5-10% C_n
3. 电容器介质损耗角正切值：
在 20℃，0.9—1.1 U_n 下不大于 0.002
The tg value of dielectric dissipation angle of the capacitor:
Not above 0.02 under 0.9-1.1 U_n at temperature of 20℃
4. 电容器短时工频耐压值：环氧外壳 1.2 U_n 。
Power frequency voltage short-time withstand value: epoxy outer cover 1.2 U_n .
5. 电容器在 U_n 下的局部放电量：≤ 3pC。
The partial discharge under U_n : ≤ 3pC

型号意义：model meaning



主要规格及技术参数

Main specification and technical parameter

序号 No	型号 type	额定电压 Rated voltage kV	额定电容 Rated capacitance pF	外形尺寸 Dimension $\phi \times H$	重量 weight kg
1	OWF60-0.001	60	1000	160×740	11
2	OWF-120-0.0005	120	500	160×1600	22
3	OWF100-0.001	100	1000	160×1100	16
4	OWF200-0.001	200	1000	200×900	40
5	OWF250-0.0001	250	1000	160×2260	30

注： 1. 根据用户需要，耦合电容器可配低压臂电容器成为电容分压器供工频或冲击电压测量用。

Notice: 1. According to customer requirement, for power frequency or impulse voltage test, low voltage arm capacitor can be attached as capacitance voltage divider to the coupling capacitor.

2. 根据用户不同要求，外形尺寸可能有变化，表中尺寸仅供参考。

The dimension can be changed as to requirement of customer. The dimension in the form is only for reference.