

tanδ (Dissipation Factor) Standard

TYPE 6270A



6270A Series are highly stable tan δ (Dissipation Factor) standards which are made of ceramic capacitance and accurate resistor. tanδ (Dissipation Factor) calibration can be made at 120Hz and 1kHz by switching.

Features

- 6270A with 4-terminal binding post (gold plated) structure enables to calibrate 4-terminal LCR meters. Binding post to BNC adapter is available as an option.
- tanδ (Dissipation Factor) calibration at 120Hz/1kHz is performed.
- Suitable for calibration standards as excellent accuracy, temperature coefficient and stability.
- Custom made tanδ (Dissipation Factor) is available.

Specifications

Item/Model	TYPE 6270A	
Used Frequency	120 Hz	1 kHz
Nominal tanδ(%)	0 %,0.1 %,0.5 %,1.0 %,5.0 %,10% 15 %, 30 %,100 %,150 %,300 % Total 11 points	0 %,1.0 %,5.0 %,10 %,50 %,100 % 150 %,300 % Total 8 points
Tanδ Accuracy	Converted to set tanδ Less Than ±0.1 % (tanδ Less Than 100 %)	
Capacitance	1.326 μF	1.592 μF
Capacitance Tolerance	±0.1 %	
Temperature Coefficient	±50 ppm/°C	
Stability	±100 ppm/Year	
Max. Applied Voltage/Current	Less Than 50 Vdc (15 Vac) / 150 mA	
Dimension (W×D×H)mm	140mm×102mm×105mm (Including rubber feet)	
Weight	Approx. 600 g	

- Specifications are subject to change without prior notice.
- Contact us for special and custom configurations which are available.