

*Just your best choice*

**JYA**

**Y1 (CD 400VAC) & Y2 (CE 300VAC)  
SAFETY STANDARD  
RECOGNIZED CAPACITORS**



**FEATURES:**

- ▶ Ideal for across the line applications
- ▶ Compact size
- ▶ Cost effective product
- ▶ Safety standards recognized

# Y CAPACITORS

**JYA - Y1(CD 400VAC) & Y2(CE 300VAC) Safety Standard Recognized Capacitors Specifications**

<b>OPERATING TEMPERATURE</b>	-25°C ~ +85°C	
<b>CAPACITANCE RANGE</b>	10pF to 10000pF	
<b>CAPACITANCE TOLERANCE</b>	±10%, ±20%, +80-20%	
<b>RATED VOLTAGE</b>	AC 125V, 250V, 300V, 400V	
<b>TEMPERATURE COEFFICIENT</b>	2B(Y5P)±10%、2E(Y5U)+22%~-56%、2F(Y5V)+22%~-82%	
<b>DISSIPATION FACTOR (tan δ)</b>	2B: 2.5% max. at 25°C and 1 KHz, 1±0.2 Vrms.	
<b>INSULATION RESISTANCE AT 20°C</b>	2E/2F: 2.5% max. at 25°C and 1 KHz, 1±0.2 Vrms.	
<b>DIELECTRIC STRENGTH</b>	10000MΩat 500VDC for 1 minute. 1500V AC for 60 seconds. (250V AC) 4000V AC for 60 seconds. (400V AC)	

*jb*® **Capacitors Company**

# JYC

## HIGH VOLTAGE

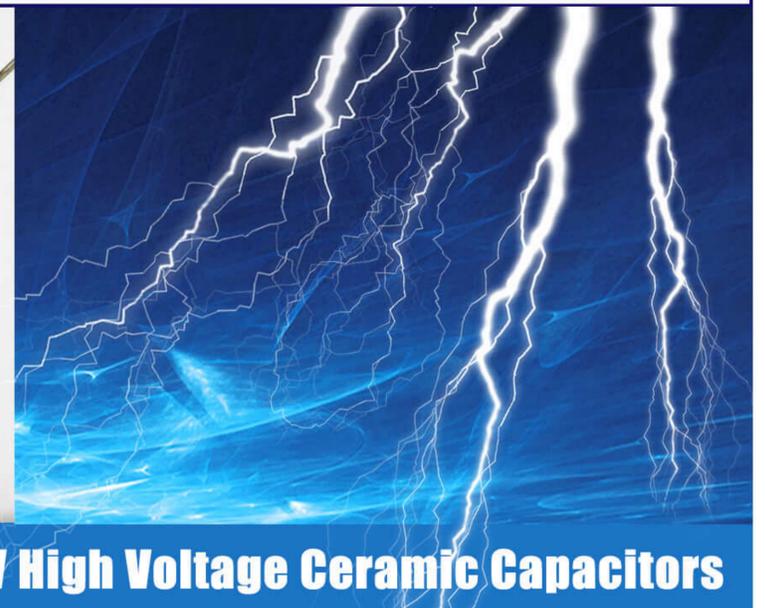
## CERAMIC RADIAL TYPE DISC CAPACITORS



*jb*® Capacitors Company Designs and manufactures high quality Ultra-High Voltage Ceramic Capacitors Radial-Leaded Single Layer Disc (low loss type) Capacitors with blue coating epoxy resin, custom design radial lead disc ceramic capacitors as well as a variety of standard and custom High Voltage & High Capacitance value Ceramic Capacitors.

### JYC - High Voltage Ceramic Radial Type Disc Capacitors Specifications

OPERATING CONDITION	-25°C~ +85°C	
RATED WORKING VOLTAGE	1KV – 15KV DC	
CAPACITANCE RANGE	100pF – 10,000pF	
TEST VOLTAGE	UR≤500V, U=2.5UR; UR>500V≤6KV, U=1.5UR+500V; UR>6KV≤15KV, U=1.5UR	
INSULATION RESISTANCE	10,000 MΩ or 200 MΩ whichever is the smaller	



**JYC - 1KV to 15KV High Voltage Ceramic Capacitors**

### JYC - HIGH VOLTAGE CERAMIC RADIAL TYPE DISC CAPACITORS APPLICATIONS

- DC-DC converters, Voltage multipliers.
- Radio and TV receiver, Modems, Interfaces, TV and monitors.
- Other electrical appliances where high voltage is present.
- High voltage power supplies, HV power supplies.
- Electrostatic coating, Arc spray and sputtering, Electrostatic cleaning power supplies, Ion generator power sources.
- High voltage power supplies for x-ray sources and pulsed lasers: Baggage scanner, Medical x-ray, Industrial laser.

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