

SGCC Series Coupling Capacitors (Dry Type)

Samgor's Coupling Capacitors— designed for phase-to-ground connection in both solidly earthed and isolated neutral systems. They serve a wide range of functions, including power-line carrier (PLC) communication, voltage measurement, and protective relaying. Our engineering team specializes in developing bespoke solutions to meet specific system requirements.



KEY ADVANTAGES

- ▶ Dry Type
- ▶ SF6/Mix Gas
- ▶ PD Free
- ▶ FR4 Tube
- ▶ Low Dielectric Loss



Application

- ▶ Current Limiting Reactors
- ▶ Partial Discharge Monitoring
- ▶ Broadband Power Line Communication
- ▶ HV Laboratory Applications

Technical Data

Rated Capacitance Range:

0.1-100nF



Rated Voltage Range:	30-800kV
Frequency:	10-1000Hz
Partial Discharge:	Less than 2pC
Rated lightning impulse withstand voltage:	Up to 2000kV
Rated switching impulse withstand voltage:	Up to 1500kV
Short-duration power frequency withstand voltage:	Up to 900kV
Filling Material:	SF6/Mix Gas
Tube Material:	FR4

Environmental

Temperature:	From -20℃ to 60℃
Placement:	Air and gas

Standard

IEC 60358-1 GB/T 19749.1-2016

Contact us

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