

## SGSS-02xx

50-2100 MHz, 2 port, 75 Ohm, Receive Only, 2-Stage MOV/ Gas Tube, DC pass Surge Arrestor

The SGSS-02 utilizes a two-stage design consisting of an MOV and a gas tube high current circuit protector. At the stated threshold, the MOV fires followed by the gas tube and together they shunt all transient energy away from the protected circuit.

The major advantage of this two-stage design is that it provides nearly instantaneous protection from dangerous high voltage, high current surges caused by direct or close proximity lightning strikes.

### Specifications

|                    |  |
|--------------------|--|
| Frequency Range:   | 50-2100 MHz                                  |
| Type:              | dc pass                                      |
| Connectors:        | type F female                                |
| Return Loss:       | -18 dB                                       |
| Insertion Loss:    | <= 0.5dB maximum                             |
| Max Surge Current: | 20kA (8/20 $\mu$ s) minimum 5 surges         |
| Turn On:           | at +xx; (level specified in the part number) |
| Turn on Time:      | 2.5 $\mu$ s for 2kV/ns                       |
| Temp Range:        | -40 to +85 °C                                |
| Relative Humidity: | up to 95%                                    |
| Weatherproofing:   | sealed aluminum case                         |

