

SGD Series DC-6000 MHz

DC Pass Gas Tube

A 50 Ohm general purpose, dc pass surge arrestor for single channel radios; not recommended for use with combiners.



SGD-0 Series DC-6000 MHz

Part Number	Turn On	Watts	Freq Range
SGD-0(Conn)(Conn)	350V	500	DC-250
		300	250-1500
		100	1500-4000
		50	4000-6000
SGD-0(Conn)(Conn)+90	90V	100	DC-250
		75	250-1500
		30	1500-4000
		10	4000-6000
SGD-0(Conn)(Conn)+600	600V	750	DC-250
		500	250-1500
		300	1500-4000
		100	4000-6000

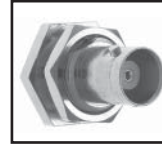
NOTE
Gas tubes with other turn-on values are available by special order, please call for details.

Special Order Connectors

Type	Female	Female Bulkhead	Male	RP Plug	RP Jack	RP Jack Bulkhead
BNC	BF	BI	BM	BL	BU	
Type N				NL	NU	NW
SMA	SF	SI	SM	SL	SU	SW
TNC	TF	TI	TM	TL	TU	TW



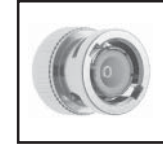
BNC/f
Prefix: BF



BNC/f blkhd
Prefix: BI



BNC/m
Prefix: BM



RPNBC/plug
Prefix: BL



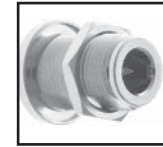
RPNBC/jack
Prefix: BU



RPN/plug
Prefix: NL



RPN/jack
Prefix: NU



RPN/jack blkhd
Prefix: NW



SMA/f
Prefix: SF



SMA/f blkhd
Prefix: SI



SMA/m
Prefix: SM



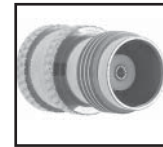
RPSMA/plug
Prefix: SL



RPSMA/jack
Prefix: SU



RPSMA/jack blkhd
Prefix: SW



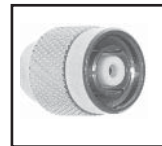
TNC/f
Prefix: TF



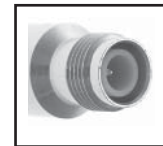
TNC/f blkhd
Prefix: TI



TNC/m
Prefix: TM



RPTNC/plug
Prefix: TL



RPTNC/jack
Prefix: TU



RPTNC/jack blkhd
Prefix: TW



UHF/f
Prefix: UF

Standard Connectors



N/f
Prefix: N/f



N/f blkhd
Prefix: NI



N/m
Prefix: NM

Type: DC Pass Gas Tube
Connectors: Type N female
VSWR: <=1.2:1 over range
Insert Loss: <0.20dB
Throughput: <=500µJ
Surge: 20kA (8/20 µs), min. 5
Turn On Volt: 90/350/600 Vdc(+/-15%)
Turn On Time: 2.5 µs for 2kV/ns
Temp Range: -40°C to +85°C
Humidity: up to 95%
Vibration: 1G @ 5-100 Hz
Weather: Sealed case; conn seal incl.

The above specifications are based upon standard "N" connectors. Special order connectors could present slightly different specs at certain frequencies that may effect overall electrical performance.

Allcom Products LLC 695 Sundown Road South Elgin, IL 60184
Tel: 847.468.8830 Fax: 847.468.8837 www.allcompc.com sales@allcompc.com