

Surge Arrestors–Gas Discharge Type CSG 7xxx – GDLP

Description:

CSG 7xxx GDLP series Gas Discharge Tube Based Surge Arrestors are in-line coaxial adapters using N Female connectors. Gas Discharge Tubes contain a field-replaceable gas capsule located between the inner and outer conductors.

Their operating frequency band is DC to 6.0 GHz.

Gas Discharge Tube Surge Arrestors Protectors are ideal when DC injection is required, for example when a Tower Mount Amplifier is utilized.

Features:

- Bi-Directional
- Wide band Performance
- Divert impulses of 20 KA or one of 40 KA
- Compact Design



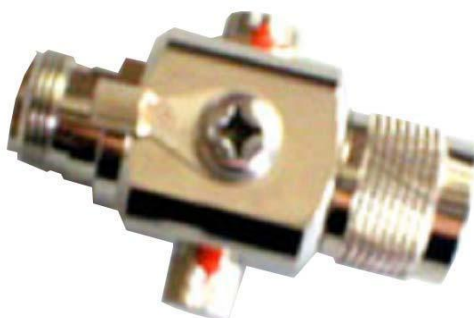
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GD Tube Based Surge Arrestor

DC ~ 2.5 GHz

CSG 7240 GDLP

PARAMETERS	SPECIFICATIONS
Frequency Range	DC ~ 2500 MHz
Impedance	50 Ω
Insertion Loss	0.2 dB
VSWR	$\leq 1.2 : 1$
Impedance	50 Ω
Max. Power	200 Watt
Discharge Voltage	DC 230 V $\pm$ 15 V
Insulation Resistance	$\geq 10000 \text{ M}\Omega$ (DC100 V)
Connector	N-Male / N-Female
Dimensions	58 x 25 x 35 mm
Weight (Approx.)	140 grams



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GD Tube Surge Arrestor

DC ~ 6.0 GHz

CSG 7580 GDLP

PARAMETERS	SPECIFICATIONS
Frequency Range	DC-6 GHz
Connector	N-Male / N- Female
Impedance	50 Ω
VSWR	$\leq 1.4 : 1$
Insertion Loss	0.1 dB @ 1 GHz, 0.2 dB @ 2 GHz 0.4 dB @ 3GHz, 0.5 dB @ 5 GHz 0.6 dB @ 6 GHz
Maximum Handling Power (25 °C)	250 W @ 300 MHz, 160 W @ 500 MHz 100 W @ 900 MHz, 75 W @ 1.2 GHz 52 W @ 1.9 GHz, 42 W @ 2.4 GHz 36 W @ 3 GHz, 10 W @ 6 GHz
Insulation Resistance	DC 100 V more than 50 M Ω
DC Discharge Voltage	DC 230 V $\pm$ 20 %
Initial Impulse Wave Discharge Voltage	Less than 700 V 1 KV / μ sec
Rated Impulse Wave Discharge	10 KA 8 / 20 μ sec 5 times
Ground Connection	By Feed Through or Screw Terminal
Working Temperature	-30 °C ~ +85 °C
Dimensions	60.1 x 31 x 23 mm
Weight (Approx.)	125 grams



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