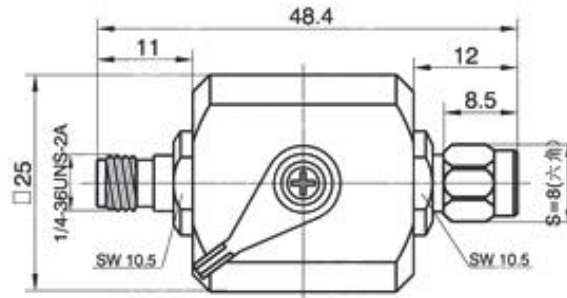


SMA Type GAS Discharge Tube Lightning Protector

Model: LA-3GHz-SMAMF-XXX DC – 3.0GHz



LA surge protectors look like in-line coaxial adapters using interfaces like N or 7/16, and that contain a field replaceable gas capsule placed between their inner and outer conductors. Unlike single band quarter wave protectors, gas tube surge arresters can be used for broadband applications. Their operating frequency band is DC to 6.0GHz.

MECHANICAL SPECIFICATIONS	
CONNECTORS	Brass Nickel Plated
PIN	Brass Silver Plate
HOUSING	Brass Nickel Plated
INSULATOR	PTFE Virgin Electrical Grade
DIMENSIONS	∅25 x 48.5mm
OPERATING TEMP.	-20° C to +50° C
WEIGHT g	99g

RoHS compliant: Yes

ELECTRICAL SPECIFICATIONS

Items	Specifications		
Frequency range: (MHz)	DC-3000		
Nom. discharge current In:	10 kA		
Rated DC Voltage	90V±20%	145V±20%	230V±20%
Insertion Loss dB@1.0GHz	≤0.1	≤0.10	≤0.10
Insertion Loss dB@3GHz	≤0.15	≤0.15	≤0.15
VSWR:	<1.2		
Connector:	SMA Male / Female		

Nominal impedance: 50Ω

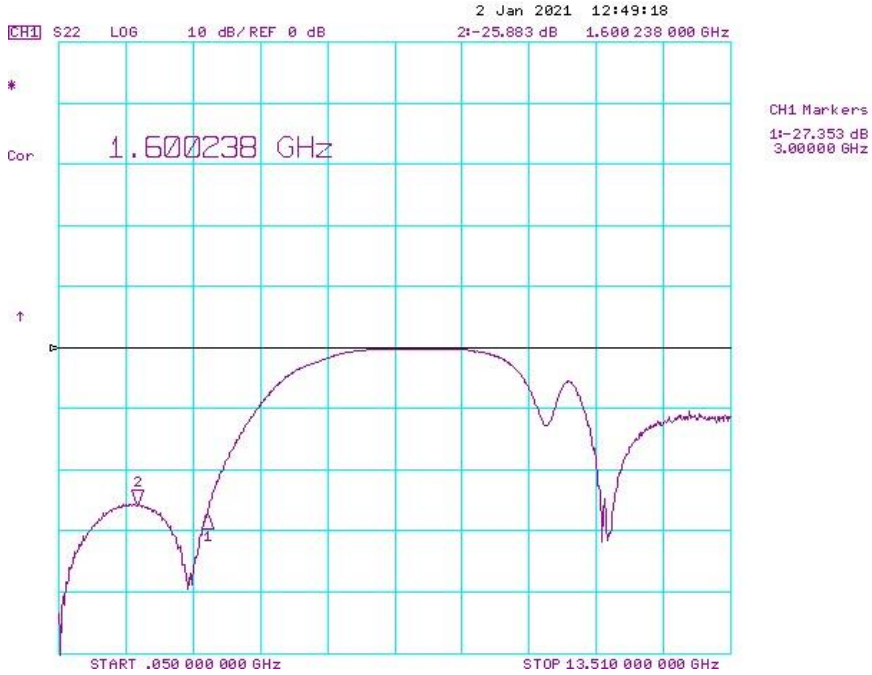
Notes:

- 1) Dimensions Tolerance ±5%
- 2) Dimension and specifications refer to connector type N unless otherwise specified
- 3) Customer designs available for other special attenuators value and accuracy

GAS Discharge Tube Lightning Protector

Model: LA-3GHz-SMAMF-90V Plot

Input Return loss dB (S11)



Insertion loss S21

