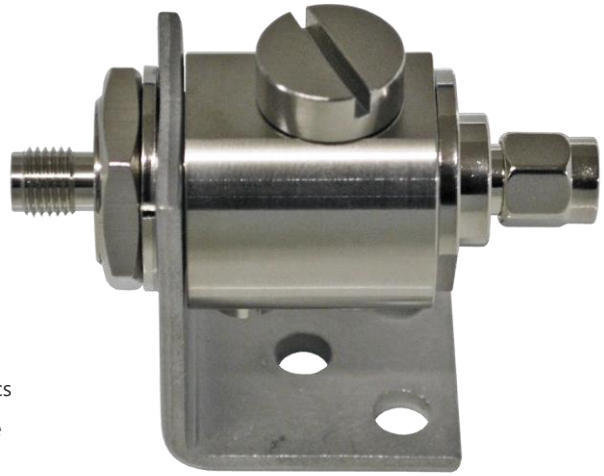
SKU: LA-SMAMF-6GHZ

Phaseblocker SMA Male to Female Surge Arrester - DC to 6 GHz



- For devices operating 0-40 W
- Bi-directional protection
- DC Pass
- Removable L bracket for bulkhead panel mounting
- SMA connectors for wireless equipment
- IEC 60169-15 compliant.

Gas tube lightning protection with excellent VSWR and superior RF performance characteristics for equipment operating DC to 6 GHz with up to 40 W RF power. Male to Female arresters are designed for installation in-line between an antenna and feeder cable. By installing at the tower-top position, this arrester helps protect not only the end user equipment, but the cabling itself.

The arrester features a bulkhead SMA Female connector for mounting through an enclosure wall or tower mounting with the included stainless steel bracket.

Given the critical nature of remote communications, this high grade surge suppressor has been designed with safety as paramount. This device has a built-in multi-strike gas-charging surge arrester element which discharges and grounds the surge the moment the surge voltage exceeds the pre-specified level. This device makes the actions of surge discharge and restoration repeatedly, with tube replacement rarely required.

See below for electrical & mechanical specification data.

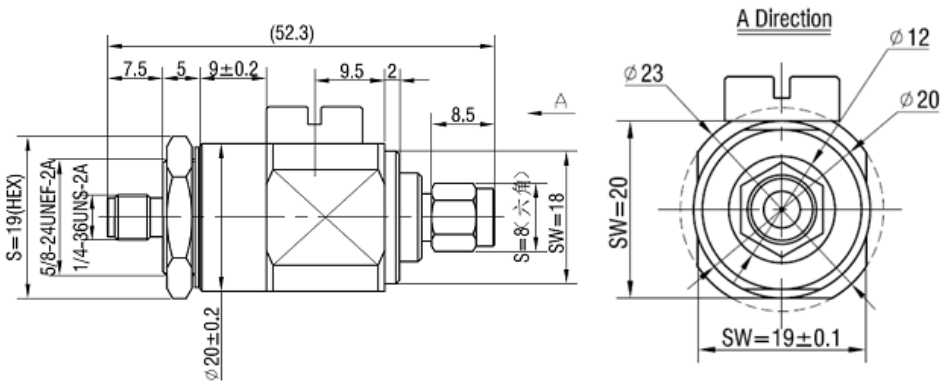
Electrical Specifications

Frequency Range:	0.1 to 6000 MHz
Input Impedance:	50 Ω
VSWR:	<1.2:1 (26 dB)
Insertion Loss:	<0.4 dB
Power Rating:	0 to 40 W
Sparkover Voltage:	<90 Vdc
Voltage Protection Level:	<600 V @ 3 kA (8/20 µs)
Maximum Discharge Current:	10 kA @ IEC 61000-4-5 8/20 µs waveform

Mechanical/Environmental Specifications

Materials & Plating	Material	Surface Plating
Shell/Body:	Brass	Nickel
Contact:	Beryllium	Silver
Insulator:	PTFE	-
Mating:	1/4-36UNS-2A(2B)	
Input Connectors:	1x RP-SMA Male, 1x RP-SMA Female	
Durability:	≥500 cycles	
Temperature Range:	-40°C to +85 °C	
Weight:	155 g	
Dimensions:	52 x 27 mm (L x Ø)	

CAD Drawing



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