

**Product Name:** Lightning Arrester DC-3000MHz N-M&N-F-Wall-through**Product Model:** Arrester DC-3000MHz N-M&N-F

An RF lightning surge arrester is a critical passive protection device in RF communication systems. Its core function is to accurately discharge instantaneous overcurrent such as lightning-induced overvoltage and power grid surges without affecting the transmission of normal RF signals. It protects expensive backend equipment including base station antennas, RF transceivers, and communication modules from damage caused by high-voltage impacts, while blocking the conduction of overvoltage along RF transmission links to ensure the stable and continuous operation of the entire communication system.

**Product Description**

- ➔ Frequency covers DC-3000MHz
- ➔ Suitable for indoor and outdoor applications

**Specifications**

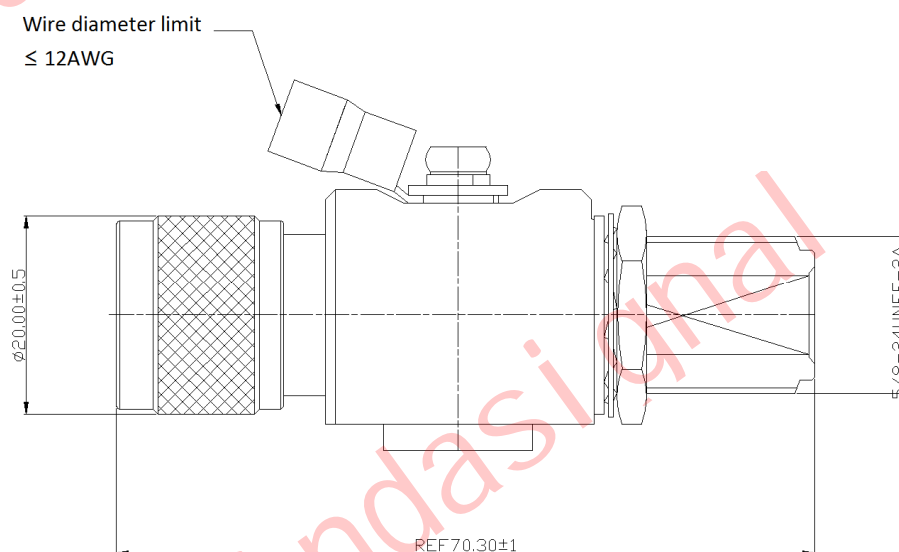
Frequency range	DC-3000MHz
Characteristic Impedance	50ohm
Insertion loss	≤0.25 dB
VSWR	≤1.25
Transmission power	200W
RF Connector Type	IN: NM; OUT: N-F Wall-through
Dielectric Withstanding Voltage	≥2500V RMS, 50HZ at sea level
Working Voltage	≤1000V RMS, 50HZ at sea level
Rated DC voltage	90V
Maximum Impulse Discharge Current	15KA
Ground wire diameter	≤4mm <sup>2</sup>
Dielectric Resistance	≥5000MΩ
Contact Resistance	Center Contact ≤0.4mΩ Out Contact ≤0.4mΩ
Net Weight	≤0.135 kg
Dimensions (include connectors)	Φ20*70.3 mm / Φ0.79*2.77 inch
Operating temperature	-40℃ to +85℃
Relative humidity	≤95%
Durability	≥500 times
Color	Natural
RoHS	Comply with RoHS
Ingress protection	IP67



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Outline Drawing



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