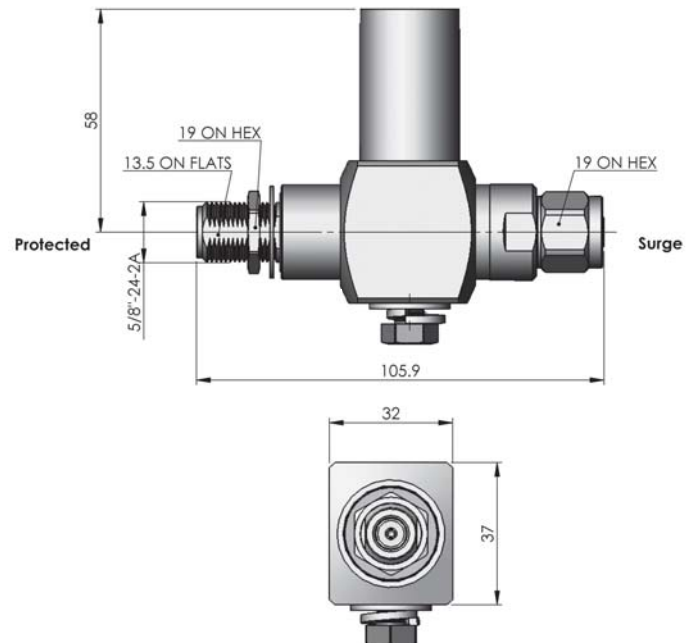


AFP54-1

Surge Arrestor | N Male-N Female Bulkhead | 800-2500 MHz DC Block

Electrical Performance		
Impedance	50Ω	
Frequency Range	800-2500 MHz	
VSWR	≤1.15	
Insertion Loss	≤0.1dB	
Average Power	500 W	
PIM3	≤ -160 dBc	
Impulse Discharge Current	25kA (test pulse 10/350μs)	
Surge Current Handling Capability	50kA (test pulse 8/20μs)	
Residual Pulse Voltage	100V (test pulse 50kA 8/20μs)	
Residual Pulse Energy	5μj (test pulse 4kV 1.2/50μs / 2kA 8/20μs)	
DC Block		
Mechanical Performance		
Retention	≥0.56N	
Nut Torque	5Nm	
Mechanical Wear	500	
Material and Plating	Material	Plating
Inner Conductor	Phosphor copper / brass	Ag5μm
Outer Conductor	Brass	Copper tin-zinc2μm
Nut	Brass	Copper tin-zinc2μm
Insulator	PTFE	
O-Ring	Silicon rubber	
Environment		
Temperature Range	-55°C~+155°C	-67°F~+311°F
Weather Standard	IEC 60068 55 / 155 / 56	
Thermal Shock	US MIL-STD 202,Meth.107,Cond.B	
Vibration	US MIL-STD 202,Meth.204,Cond.B	
Shock	US MIL-STD 202,Meth.213,Cond.I	
Weatherproofing Standard	IP67	
RoHS Compliant		



Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.