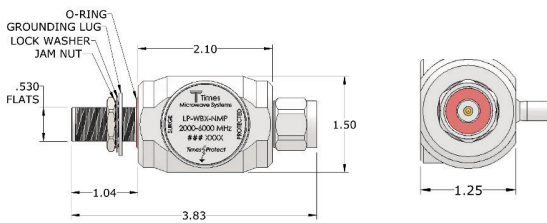
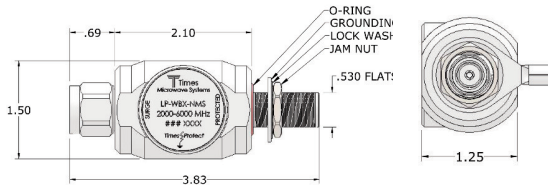


- LP-WBX-NFF  
2000 - 6000MHz N Type F/F



- LP-WBX-NMP  
2000 - 6000MHz N Type M on Protected



- LP-WBX-NMS  
2000 - 6000MHz N Type M on Surge

\*All dimensions shown in inches

## Electrical Specifications

Impedance	50 Ω
Frequency Range	2000 - 6000 MHz
VSWR/Return Loss	<1.2:1 / <-20dB
Insertion Loss	< 0.2dB
Average Power	50W
Maximum Surge Current	20kA max/10kA multiple (8x20μs wave-form)
Residual Pulse Voltage	< 3V (6kV/3kA 1.2x50/8x20μs wave-form)
Energy Throughput	<150nJ
Protection Circuit	DC Blocked

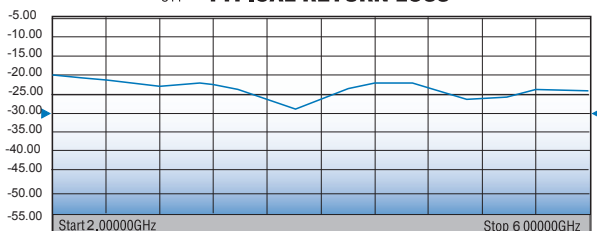
## Mechanical / Environmental Specifications

Temp Range Storage/Operating	-40°C - +85°C
Weatherization	IEC 60529 & IP65
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
RoHS Compliant	Yes
Mating Life Cycle	> 500
Recommended Coupling Nut Torque	7-10 in-lb

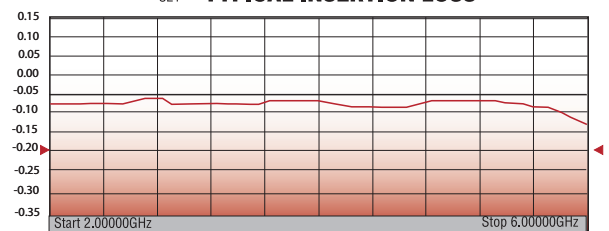
## Material Specifications

Component	Material	Plating
Body	Aluminum	White Bronze
Connector Housing	Brass	White Bronze
Inner Conductor Male	Brass	Silver
Inner Conductor Female	Phosphor Bronze	Silver
Coupling Nut	Brass	White Bronze
Insulator	PTFE	--
O-Ring	Silicone Rubber	--

S11 TYPICAL RETURN LOSS



S21 TYPICAL INSERTION LOSS



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