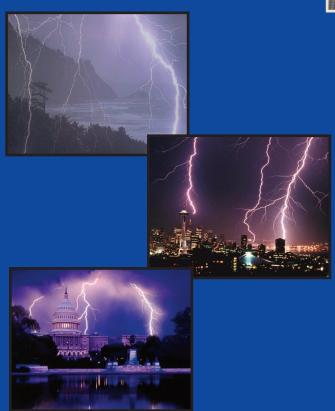


LP-WBX Series

- Filter based Protection Circuit
 - Broadband Outstanding IL/RL
 - DC Blocked for Superior Surge Performance
 - Ultra Broadband Multi-Strike Design
- Fully Weatherized Housing







Lightning and Surge Protection for The 21st CenturyTM

The LP-WBX-N high performance series uses a filter circuit to provide exceptional lightning protection over the 2000-6000MHz frequency band, covering both the unlicensed WiFi bands and several licensed operating bands.

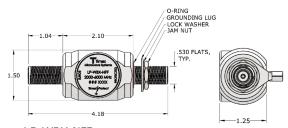
Unlike competitive protectors, the white bronze plated construction of the LP-WBX-N series eliminates potential galvanic corrosion issues and provides long life in hostile environments. The fully weatherized housing is sealed to IP65 allowing for outdoor as well as indoor installation.

LP-WBX-N Series:

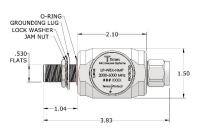
- LP-WBX-NFF
 N Female connectors on surge and protected sides
- LP-WBX-NMP
 N Male connector on protected side with N Female connector on surge side
- LP-WBX-NMS
 N Male connector on surge side with N Female connector on protected side



Times-Protect®

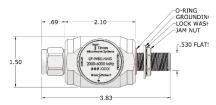


LP-WBX-NFF
 2000 - 6000MHz N Type F/F





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





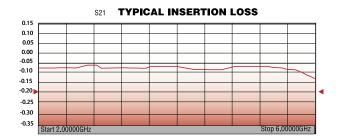
LP-WBX-NMS
 2000 - 6000MHz N Type M on Surge

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	tor Female Phosphor Bronze		Silver
Coupling Nut	Brass		White Bronze

PTFE

Silicone Rubber





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World Headquarters: 358 Hall Avenue, Wallingford, CT 06492 • Tel: 203-949-8400, 1-800-867-2629 • Fax: 203-949-8423 International Sales: 4 School Brae, Dysart, Kirkcaldy, Fife, Scotland KY1 2XB UK • Tel: +44(0)1592655428 China Sales: No. 318 Yuan Shan Road, Shanghai 201108 China • Tel: 86-21-51761234 • Fax: 86-21-64424098 www.timesmicrowave.com

Insulator

0-Ring

^{*}All dimensions shown in inches

