

# 50 Ohm Lightning Surge Protector Kit

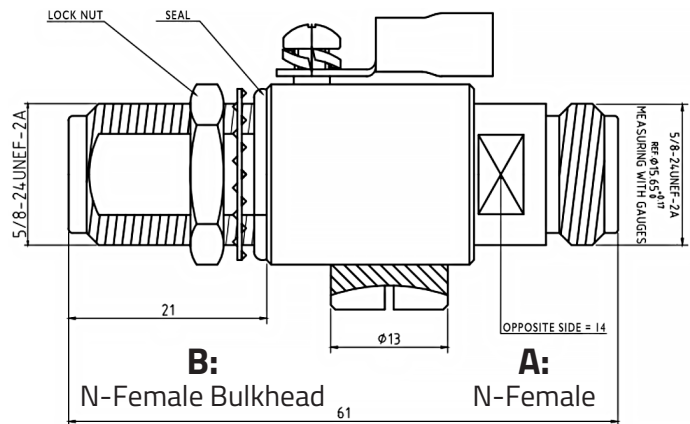
by WAVEFORM

SKU: WF-LSP-50-KIT



## Main Features:

- N-Female to N-Female Bulkhead Surge Protector
- 0-6000 MHz Frequency Support
- 50  $\Omega$  Impedance
- 5 ft 10 AWG Grounding Wire
- 5 ft RS240 N-Male to N-Male Jumper Cable



## Surge Protector Specifications:

### Electrical:

Frequency Range	0 - 6000 MHz
VSWR (DC)	$\leq 1.25$
Insertion Loss	$\leq 0.25$ dB
Input Impedance	50 $\Omega$
Insulation Resistance	$\geq 5000$ M $\Omega$
Transmission Power	200 W
Gas Tube Breakdown Voltage (DC)	90 V
Withstanding Voltage (50 Hz, at sea level)	$\geq 2500$ V RMS
Working Voltage (50 Hz, at sea level)	$\leq 1000$ V RMS
Maximum Impulse Discharge Current (8/20 $\mu$ s)	20 KA 2000 J
Contact Resistance (Center Contact)	$\leq 0.4$ m $\Omega$
Contact Resistance (Outer Contact)	$\leq 0.2$ m $\Omega$

### Mechanical:

Dimensions	22.7 mm $\varnothing$ x 61.0 mm
Connector A Type	N-Female
Connector B Type	N-Female Bulkhead
Connector Body	Nickel Plated Brass
Body	Nickel Plated Brass
Pin Material	Gold Plated Brass
O-Ring Material	Rubber
Ground Connection	By Feedthrough or Screw Terminal
Net Weight	0.13 kg
NFPA Rated?	No
ROHS Compliant?	Yes

### Environmental:

Protection Class	IP67
Operating Temperature	-55 to +155 deg C



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