



Trapper™ Lightning Arrestor Instructions

When installed properly in the feedline, the Laird Technologies Trapper™ lightning arrestor can prevent costly repairs to sensitive radio equipment due to high energy transients during lightning strikes. The Trapper™ limits surges to less than 45 volts in approximately 100 nanoseconds. A gas discharge tube changes from an open circuit to a short circuit in the presence of energy and voltage surges giving those surges a direct path to ground, thus protecting equipment.

The Trapper™ is designed with a rugged housing and high quality plated brass "N" connectors. It also features a user replaceable gas discharge tube (LA350GT). The Trapper™ is available in three models; the LABH350NN and the LABH2400N both allow bulkhead mounting and connector pass-through and the LAIL350NN allows inline placement only.



Trapper™ Lightning Arrestor

Technical Data & Information



LABH2400NN - Bulkhead
Lightning Arrestor N to N



LAIL350NN - In-line
Lightning Arrestor N to N



LABH350NN - Bulkhead
Lightning Arrestor N to N

Technical Data - Product Features & Information

	<u>LAIL350NN/LABH350NN</u>	<u>LABH2400NN</u>
● Maximum Power:	0-1000 MHz 1000 watts - P.E.P.	0-4 GHz 70 Watts - P.E.P.
● Breakdown Voltage:	350 Vac	90 - 130 Vac
● Impedance:	50 ohms (nom.)	50 ohms (nom.)
● Insertion Loss:	27-500 MHz < 0.1 dB 1000 MHz < 0.25 dB	1GHz < 0.03 dB 4GHz < 0.29 dB
● VSWR:	0-150 MHz < 1.1:1 150-1000 MHz < 1.2:1	1GHz < -25 dB 4GHz < -20 dB
● Protection:	5000 amps	1 shock = 20kA/10 shocks = 10kA

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