

N-300 Ground Isolator

Product Warranty

LF Engineering Co. warrants that, at the time of shipment the products manufactured by LF Engineering Co. are free from defects in material and workmanship. LF Engineering Co. obligation under this warranty is limited to replacement or repair of such products within 1 year from the date of shipment.

For sales or return authorization, contact LF Engineering Co. at (860) 526-4759.
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N-300 Ground Isolator

Introduction:

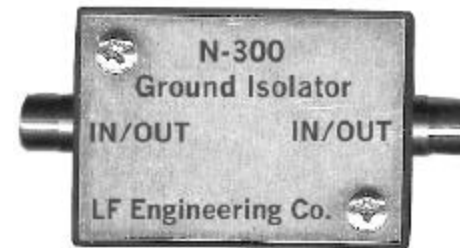
Designed for isolating ground loops and noise, the N-300 is used between the antenna and receiver. (not for transmitting) Band width is 10 kHz to 30 MHz.

The N-300 consists of a bifilar wound torroid with a 50 ohm impedance connecting the two input/outputs.

Installation:

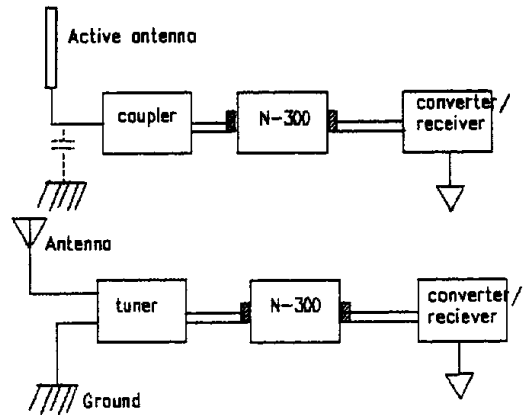
Connect the N-300 between the antenna circuit and the receiver/coupler. Use RCA connections and shielded 50 ohm coax cable. The N-300 is bi-directional and either side can be used for input or output.

The N-300 is not recommended for operation below 10 kHz where signals become greatly attenuated.



N-300 Specifications

Bandwidth	10 kHz to 30 MHz \pm 3 dB
Input/Output Impedance	50 ohm
Winding Capacitance	30 pf typical
Isolation Resistance	>20 megohm
Connectors	RCA type



N-300 ISOLATION CONFIGURATIONS

