

LRSA 1510/LRSA 0803/LSA151/LSA151-EQ8/LSA84 Subscriber Drop Amplifiers (1.2 GHz Hardened Series)

Installation Manual

**LINDSAY
BROADBAND**
a division of technetix group

CAUTION

 **Risk of electric shock. Do not open rear plate.**

INSTALLATION

Two mounting holes permit a #6 screw to mount the LRSA/LSA amplifier to a wood or wallboard surface. Nails are not advised due to possible impact or vibration damage. Fasten a grounding wire to the amplifier housing. A grounding screw is located on two sides of the amplifier for convenience of connection. Connect input and output cables to the amplifier ports and power the amplifier as described below.



LRSA 1510
(front view)

POWERING

- The LRSA/LSA amplifier can be powered with the supplied wall adapter (power pack) that is included in the box.
- Plug the wall adapter into a 120 VAC power socket. Then run an RG6 coaxial cable from the adapter to the amplifier PWR IN port.
- A red LED adjacent to the PWR IN port will illuminate.
- The LRSA/LSA amplifier can also be remotely powered via the RF OUT/PWR IN port by using a power inserter (part # LBI-PI). For example, when the amplifier is installed outside of the house in a CPE enclosure, then run one coaxial cable through the wall to the amplifier. Inside the house, apply power to the POWER IN port of the power inserter, and take the RF signal feed for the house from the RF ONLY port.



LSA151
(front view)



LSA84
(front view)

FORWARD & REVERSE PATH SET-UP

- The cable TV system entering the residence is connected to the RF IN port on the LRSA/LSA subscriber drop amplifier. The televisions or set-top boxes or modems are connected to the connections marked RF OUT.



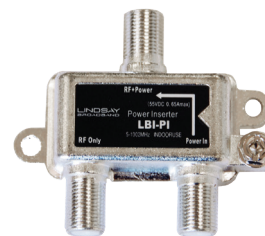
LRSA 0803
(front view)

ORDERING INFORMATION

Model	Sub-Split	Power Adapter
xxxxxx	xx/xx	xx/xx
LRSA 1510	42/54 = 42/54 MHz	NO/PS = None
LRSA 0803	85/102 = 85/102 MHz	EU-220Volt = Europe
LSA151	204/258 = 204/258 MHz	NA/PS = N. America
LSA151-EQ8		
LSA84		

Optional Accessory

Part #	Description
LBI-PI	Subscriber drop power inserter; 5-1220 MHz



LBI-PI power inserter
(front view)



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