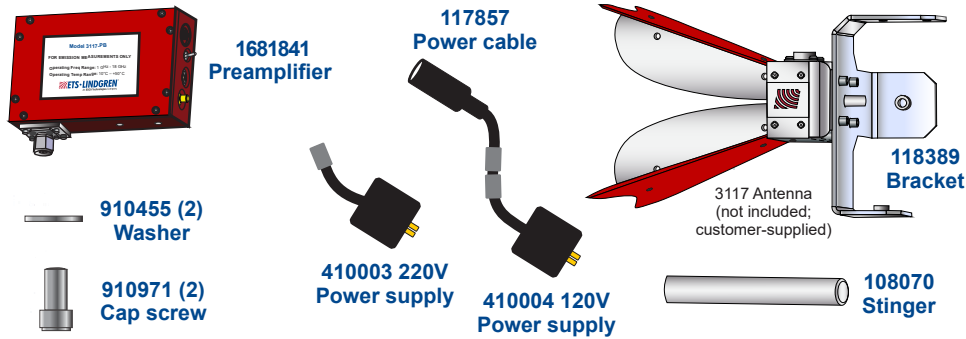
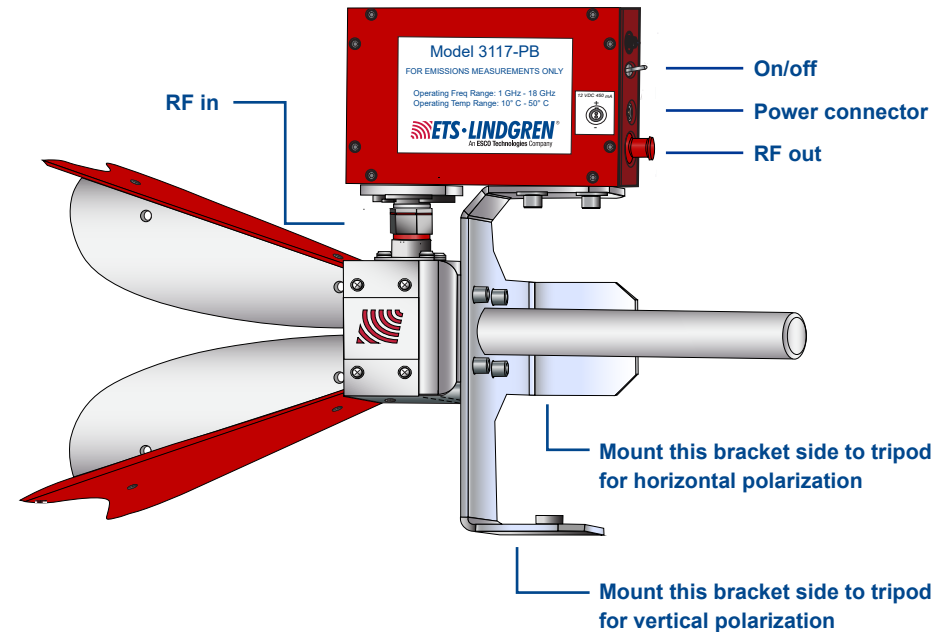


118621 Retrofit Kit Parts - To retrofit an existing 3117 antenna with the 3117-PB preamplifier.



The **ETS-Lindgren Model 3117-PB** is designed to amplify a signal in the 1 GHz to 18 GHz frequency range.

Note: For emission measurements only.



Product Information Bulletin

See the ETS-Lindgren *Product Information Bulletin* included with your shipment for the following:

- Warranty information
- Steps to return a component for service
- Safety, regulatory, and other product marking information
- ETS-Lindgren calibration service
- Steps to receive your shipment
- ETS-Lindgren contact information

Safety Information



ONLY QUALIFIED PERSONNEL should install, operate, or service this equipment.

For complete safety information, see the *Product Information Bulletin*.

Warranty Information

For complete warranty information, see the *Product Information Bulletin*.

The Model 3117-PB includes a 120V power supply, a 220V power supply, and a power cable that can be used with either power supply.

- 120V Power Supply, part# 410004
- 220V Power Supply, part# 410003
- Power Supply Cabling, part# 117857

Note: You will assemble the power supply cable by connecting the two cable lengths together.

Note: ETS-Lindgren may substitute a similar part with the same functionality for another part.

USA Headquarters

1301 Arrow Point Drive
Cedar Park, TX 78613
Phone: +1.512.531.6400

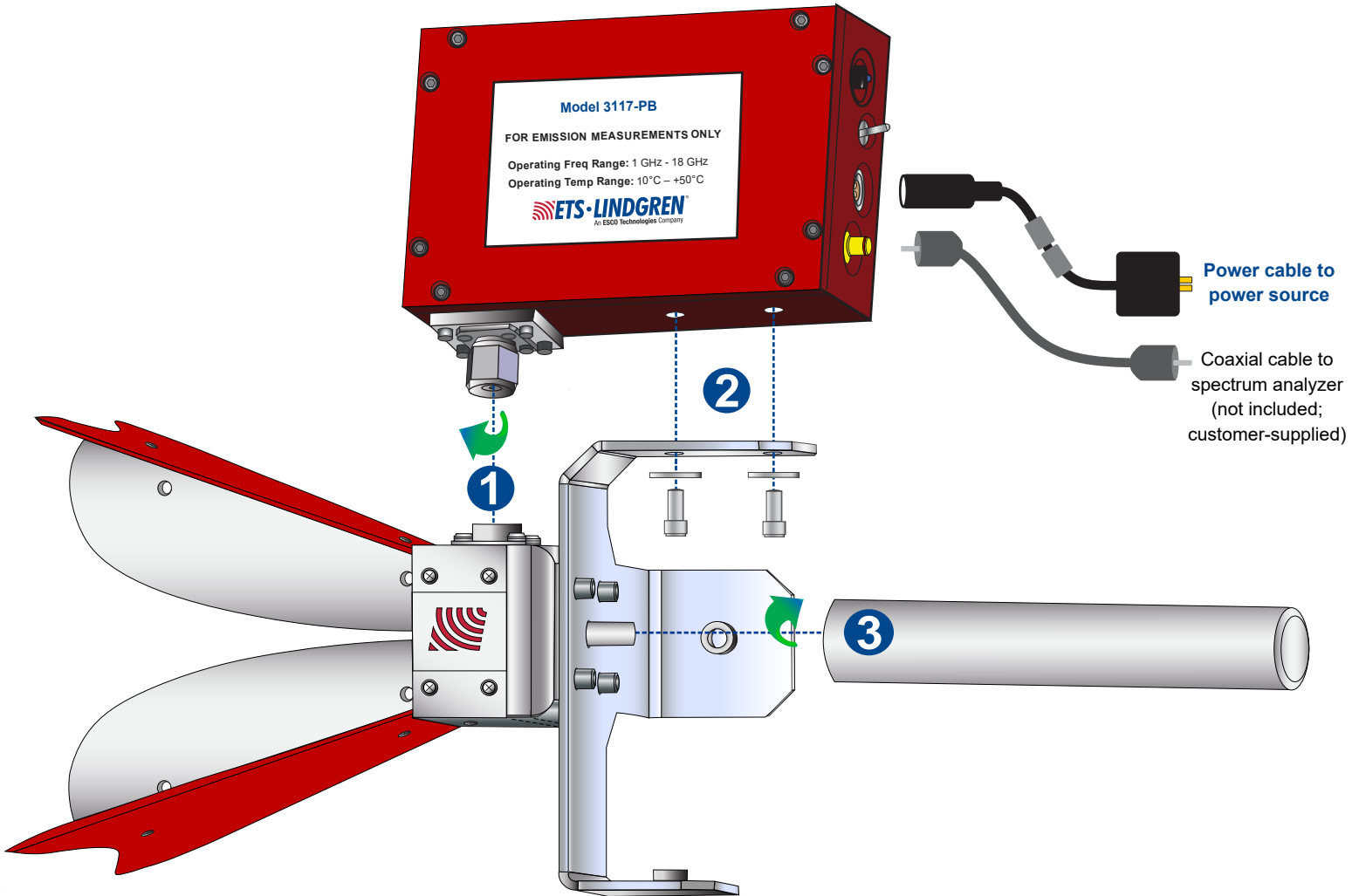
Please see ets-lindgren.com for a list of all ETS-Lindgren offices.

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CAUTION: Before placing into service, read **Safety Information** on the back page of this document.



Preamplifier Electrical Specifications

Operating Frequency Range	1 GHz – 18 GHz
Amplifier Gain (Typical)	28 dB
Maximum Continuous Input	-30 dBm
Power Output	+17 dB MIN @ 1 dB PT
Operating Temperature Range	10°C – 50°C (50°F – 122°F)
DC Power Supply	+12 VDC – +15 VDC 450 mA NOM

Preamplifier Physical Specifications

Connectors	<ul style="list-style-type: none"> • RF input, N male • RF output, SMA female • Power supply, 2-pin LEMO®
Dimensions	<ul style="list-style-type: none"> • Length: 13.97 cm (5.5 in) • Height: 8.89 cm (3.5 in) • Depth: 3.86 cm (1.52 in)