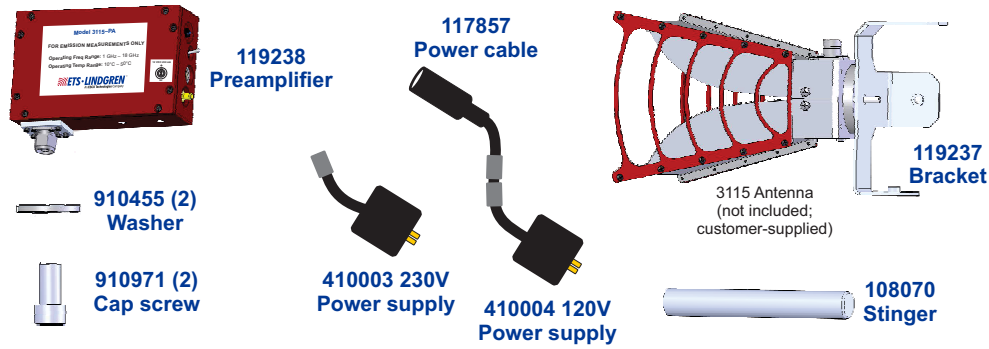


119331 Retrofit Kit Parts - To retrofit an existing 3115 antenna with the 3115-PA preamplifier.




Product Information Bulletin

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

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

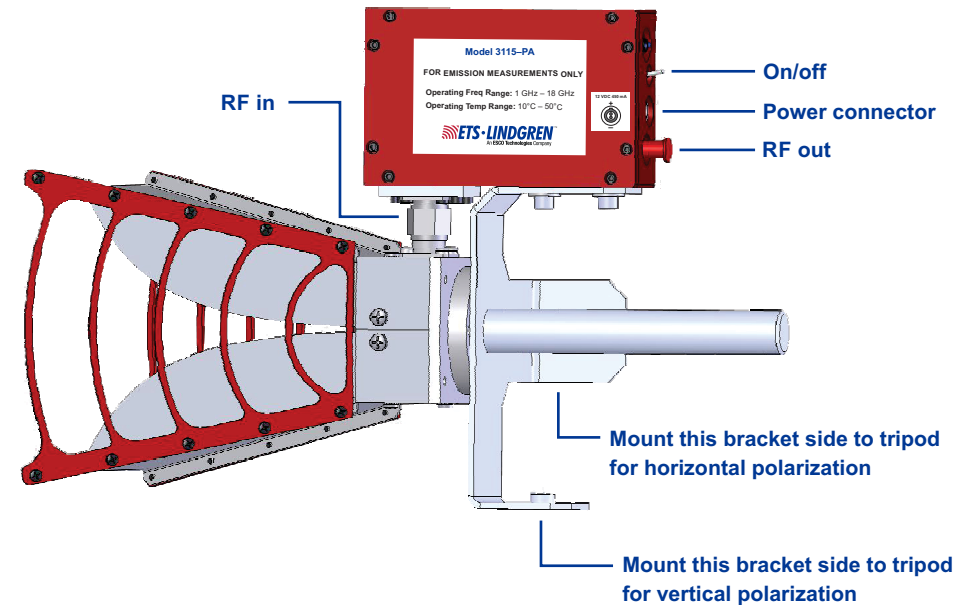
Warranty Information

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




The ETS-Lindgren Model 3115-PA is designed to amplify a signal in the 1 GHz to 18 GHz frequency range.

 For emission measurements only.



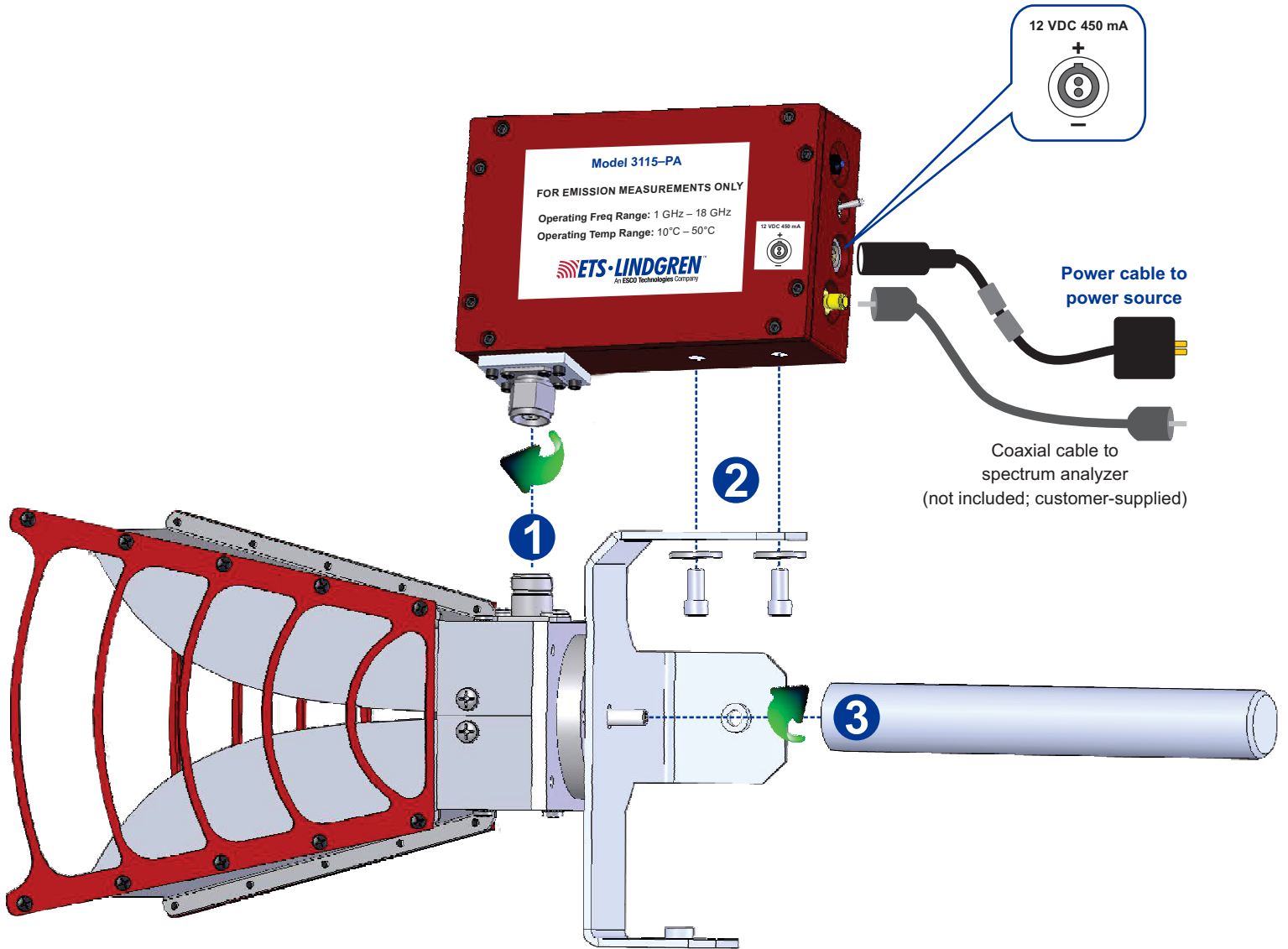
The Model 3115-PA includes a 120V power supply, a 220V power supply, and a power cable that can be used with either power supply.

- 120V Power Supply, part# 410004
- 230V Power Supply, part# 410003
- Power Supply Cabling, part# 117857

 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.

 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) | 45 dB MIN |
| 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, Type 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) |