



### Model 3115-PA

### 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.



#### **USA Headquarters**

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

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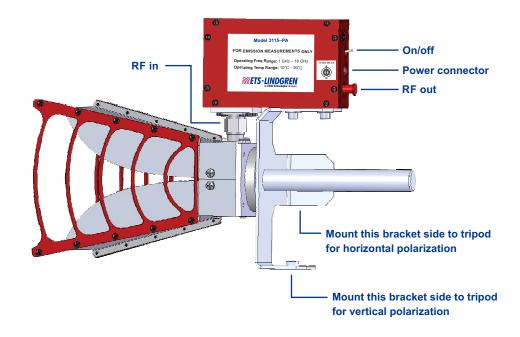
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The ETS-Lindgren Model 3115-PA is designed to amplify a signal in the 1 GHz to 18 GHz frequency range.



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



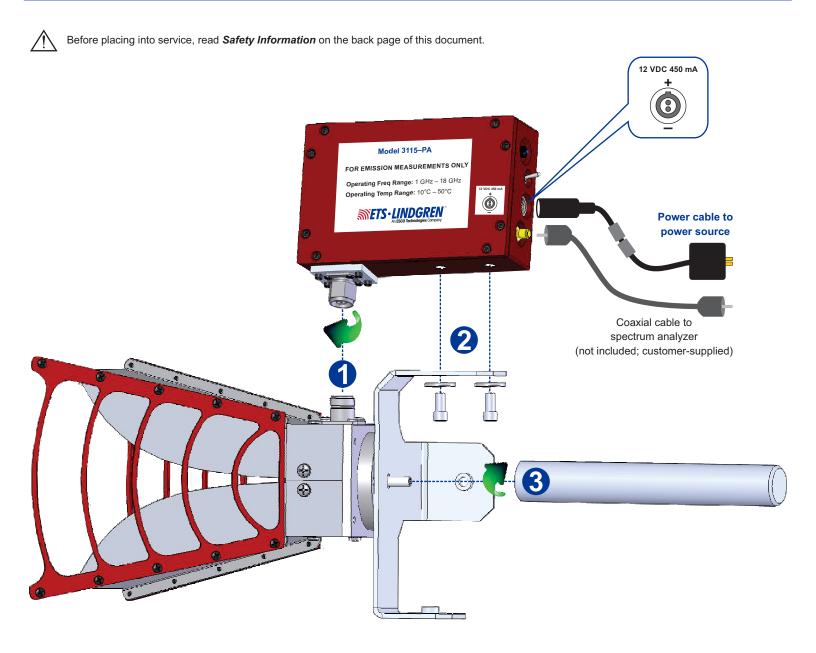
You will assemble the power supply cable by connecting the two cable lengths together.

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

Revision/Date: A, Initial Release - May, 2013 B, Update power supplies - April, 2016

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## **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><li>RF input, Type N male</li><li>RF output, SMA female</li><li>Power supply, 2-pin LEMO®</li></ul>
Dimensions	<ul><li>Length: 13.97 cm (5.5 in)</li><li>Height: 8.89 cm (3.5 in)</li><li>Depth: 3.86 cm (1.52 in)</li></ul>