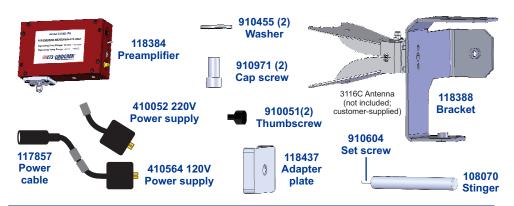


## Model 3116C-PA

### 118620 Retrofit Kit Parts - To retrofit an existing 3116C antenna with the 3116C-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**

Phone: +1.512.531.6400 info@ets-lindgren.com

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

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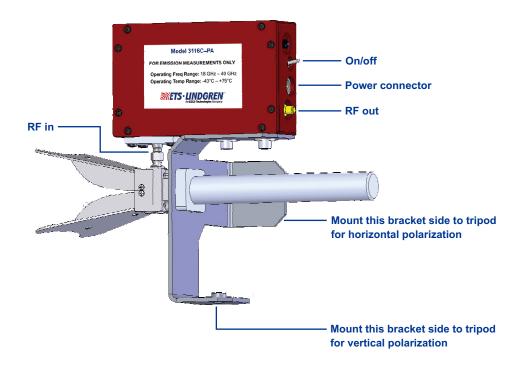
The ETS-Lindgren logo is a trademark of ETS-Lindgren Inc.; LEMO is a registered trademark of LEMO SA.



The ETS-Lindgren Model 3116C-PA is designed to amplify a signal in the 18 GHz to 40 GHz frequency range.



For emission measurements only.



The Model 3116C-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# 410564
- 220V Power Supply, part# 410052
- Power Supply Cabling, part# 117857



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

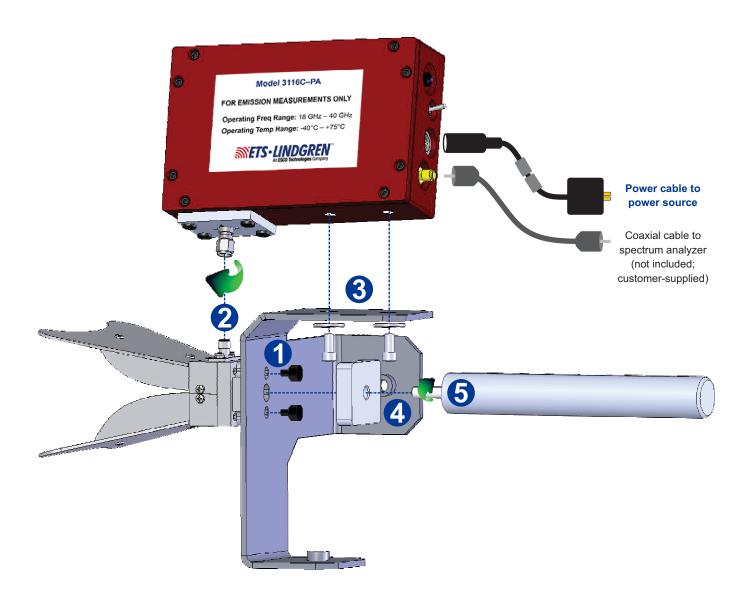
Note: ETS-Lindgren may substitute a similar part with the same functionality for another part.

399361, Rev B www.ets-lindaren.com www.ets-lindaren.com



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



# **Preamplifier Electrical Specifications**

Operating Frequency Range	18 GHz – 40 GHz
Amplifier Gain (Typical)	35 dB MIN
Maximum Continuous Input	-30 dBm
Power Output	+8 dB MIN @ 1 dB PT
Operating Temperature Range	-40°C to +75°C (-40°F to +167°F)
DC Power Supply	+12 VDC – +15 VDC 450 mA NOM

# **Preamplifier Physical Specifications**

Connectors	<ul> <li>RF input, K male</li> <li>RF output, K 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>