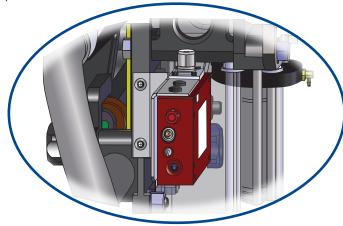


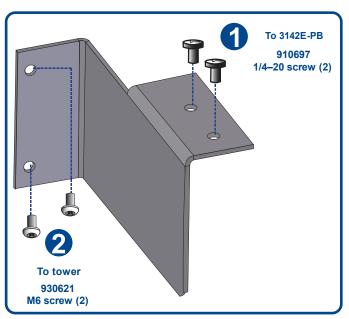


Before placing into service, read Safety Information on the back page of this document.

Using the 118522 Mounting Bracket

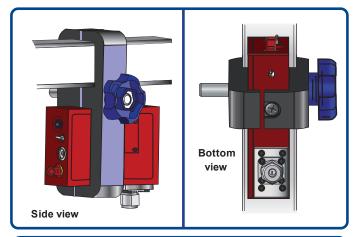
Use the 118522 bracket to mount the Model 3142E-PB onto the back side of the carrier on the 2170B/2171B tower. Point the antenna connector upward.

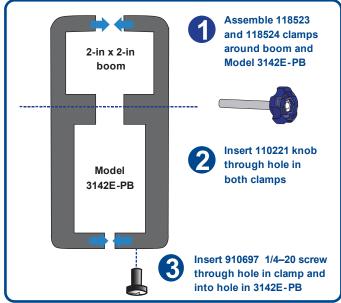




Using the 118523-118524 Mounting Clampset

Use the 118523-118524 clampset to mount the Model 3142E-PB onto the bottom side of the boom on a 2070B/2071B tower and other towers/tripods with a 2-in x 2-in boom. Point the antenna connector downward.





Preamplifier Electrical Specifications

Operating Frequency Range	30 MHz – 6 GHz
Amplifier Gain	30 dB MAX
Maximum Continuous Input	0 dBm
Power Output	+20 dB MIN @ 1 dB PT
Operating Temperature Range	-20°C to +75°C (-4°F to +167°F)
DC Power Supply	+12 VDC – +15 VDC 450 mA NOM

Preamplifier Physical Specifications

Connectors	 RF input, N male RF output, SMA female Power supply, 2-pin LEMO*
Dimensions	Length: 13.97 cm (5.5 in)Height: 8.89 cm (3.5 in)Depth: 3.86 cm (1.52 in)



with 110221 knob

for 2070B/2071B towers

and other towers/tripods

with 2-in x 2-in boom







930621 M6 screw (2) 910697 1/4-20 screw (3) 110221 knob

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

Warranty Information



Safety Information

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

For complete warranty information, see the Product Information Bulletin

For complete safety information, see the Product Information Bulletin

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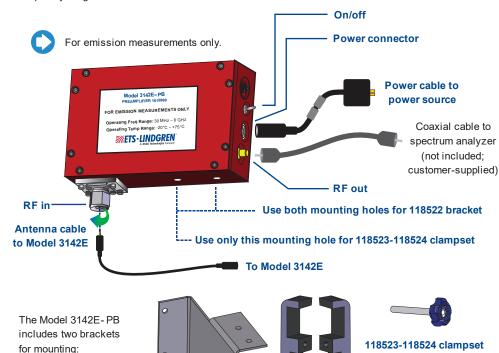
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The Model 3142E-PB includes a 120V power supply, a 220V power supply, and a power cable that can be used with either power supply.

118522 bracket

for 2170B/2171B

towers

- 120V Power Supply, part# 410004
- 230V 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.

Revision/Date: A, Initial Release - October, 2012 | D, Update to PB - February, 2018 | B, Update specs - April, 2013 | E, Correct Kit PN - June, 2018 C, Update power sup - April, 2016

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