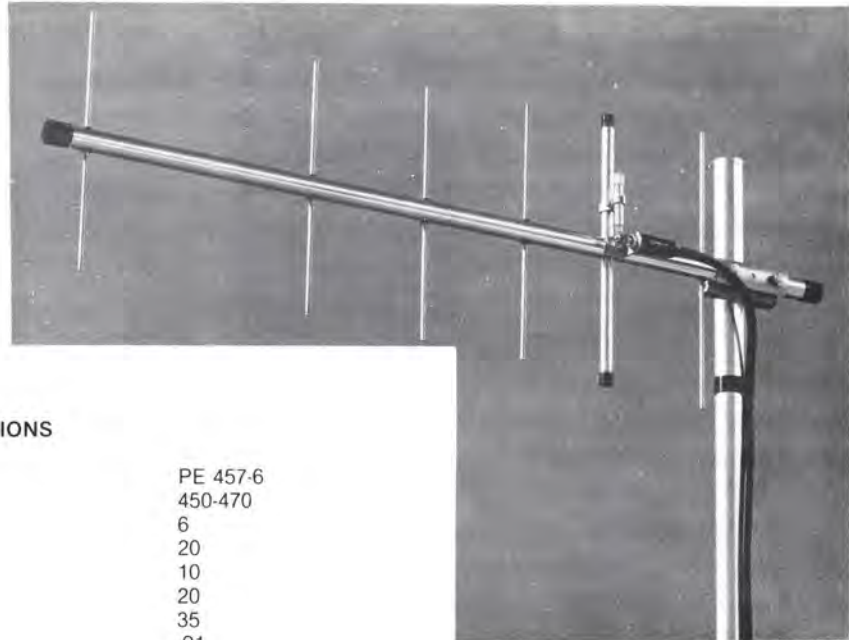




PE 457-6

This new Cushcraft high performance economy priced Yagi incorporates design innovations which result in a better and more reliable antenna. Plastic, UV stable, element bushings insulate the elements from the boom to eliminate the problem of element to boom corrosion. They will reduce noise generation and drop in forward gain that can occur with metal to metal surfaces at UHF frequencies.

The elements are free to rotate in the insulators. This is not a problem since they are securely fastened with stainless steel retainers. Long term corrosion effects between element and boom have been almost totally eliminated with this new design. The driven element is securely grounded to the boom in the interest of lightning and static protection.



SPECIFICATIONS

Model Number	PE 457-6
Frequency Range (MHz)	450-470
Number of Elements	6
Bandwidth (MHz)	20
Forward Gain (Dbd)	10
F/B Ratio (Db)	20
Boom Length (in)	35
(m)	.91
Weight (lbs.)	3
(Kg)	1.4
Wind Surface Area (FT ²)	.3
(No Ice) (M ²)	.03
Wind Survival (MPH)	80
(KPH)	130
Flat Plate Equivalent (lbs.)	7.7
At 80 MPH (130 KPH) (Kg)	3.5

When connecting the feedline, coat the outside of the aluminum connector threads and the PL-259 with silicone grease provided. Do not coat the connector center pin and socket with silicone. Slide the vinyl boots over the connectors and against the plate for a good weather tight connection.

WARNING:

This antenna is an electrical conductor, contact with power lines can result in death, or serious injury. Do not install this antenna where there is any possibility of contact with or high voltage arch-over from power cables or service drops to buildings. The antenna, supporting mast and/or tower must not be close to any power lines during installation removal or in the event part of the system should accidentally fall. Follow the guidelines for antenna installations recommended by the U.S. Consumer Product Safety Commission and listed in the enclosed pamphlet.



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