

Product Features

- SCADA and other telemetry applications
- 12 element design
- Light, aluminum construction.
- Stainless steel mast mounting bracket included.

Description

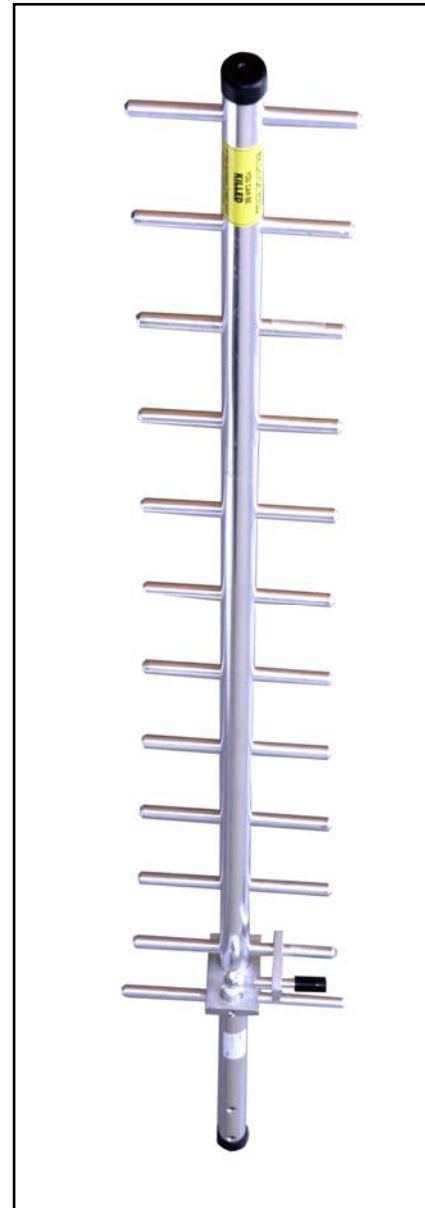
The PE51012 Yagi antenna is ready to install, providing SCADA and other telemetry applications within the 896 to 970 MHz band. The antenna is factory tuned to 930 MHz, but is field tunable to other frequencies. Its 6061-T6 seamless aluminum construction is able to withstand winds up to 125 mph. The mast mounting hardware is usable on masts up to 1 5/8" in diameter. See the Pasternack catalog or website for the widest selection of cable configurations and lengths.

Electrical Specifications ⁽¹⁾

Parameter	Units	Value
Impedance	Ohms	50
Frequency	MHz	896 - 970
VSWR		< 1.5:1
Polarization		Linear
Gain	dB	11
Horizontal Beamwidth	degrees	40°
Vertical Beamwidth	degrees	42°
Front to Back Ratio	dB	20
Power Rating	Watts	150

Mechanical Specifications ⁽¹⁾

Parameter	Value
Antenna length	Approximately 48.3"
Antenna width	Approximately 6.8"
Weight	1.98 lbs.
Antenna Material	6061-T6 seamless aluminum
Mast Mounting Hardware	Stainless steel construction for masts up to 1 5/8" in diameter
Connector	N Female (Jack)



Ordering Information

Part Number	Description
PE51012	Yagi Antenna, 11 dB, Tuned to 930 MHz

(1) Pasternack reserves the right to change specifications or information without notice.
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