



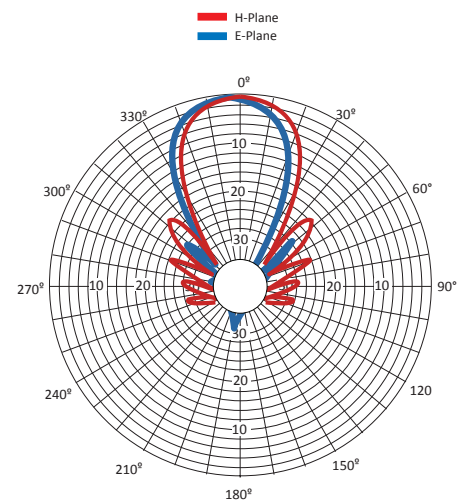
### 1.8 GHz PCS / DCS TRANSMISSION YAGI

For those long-range directional applications, Laird has designed the PC17113N Yagi. It produces a gain of 13 dBi and can be mounted in a number of ways. The model shown utilizes the flat plate design although many others could be used. Laird has the ability to modify this model for OEM applications to fit your needs. The UV-stabilized polycarbonate radome shields the antenna from the sun and all weather conditions.

### FEATURES

- UV stable housing
- One-piece brass radiating element
- Advanced microwave substrate
- Stainless steel hardware
- UltraLink<sup>®</sup> pigtail

PARAMETER	SPECIFICATION
Frequency (MHz)	1710-1880
Gain (dBi)	13
Number Elements	12
Front-to-Back Ratio (dB)	16
E-Plane (3 dB beamwidth)	35°
H-Plane (3 dB beamwidth)	35°
Radiating Element	Brass
Impedance (Ohms)	50
RF Connector (f)	N
Weight lb. (kg)	1.25 (.56)
Mounting	Mast mounted with U-Bolts & Brackets
Dimensions in.(cm)	26.5 x 3.75 x 1.5 (67.3 x 9.5 x 3.8)
Enclosure	UV Stable Polycarbonate
Mast Diameter Max. in (cm)	2.125" (5.4)
Ultralink Cable in (cm)	12" (30.5)
VSWR	1.5:1



**PC17113N**