

PCS/DCS Directional Yagi Antenna



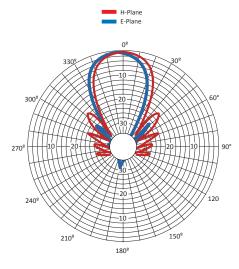
1.8 GHz PCS / DCS TRANSMISSION YAGI

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® pigtail

PARAMETER	SPECIFICATION
Frequency (MHz)	1710-1880
Gain (dBi)	13
Number Elements	12
Front-to-Back Ratio (dB)	16
E-Plane (3 dB beamwidth)	35⁰
H-Plane (3 dB beamwidth)	35º
Radiating Element	Brass
Impededance (Ohms)	50
RF Connector (f)	N
RF Connector (f) Weight lb. (kg)	N 1.25 (.56)
Weight lb. (kg)	1.25 (.56) Mast mounted with
Weight lb. (kg) Mounting	1.25 (.56) Mast mounted with U-Bolts & Brackets 26.5 x 3.75 x 1.5
Weight lb. (kg) Mounting Dimensions in.(cm)	1.25 (.56) Mast mounted with U-Bolts & Brackets 26.5 x 3.75 x 1.5 (67.3 x 9.5 x 3.8)
Weight lb. (kg) Mounting Dimensions in.(cm) Enclosure	1.25 (.56) Mast mounted with U-Bolts & Brackets 26.5 x 3.75 x 1.5 (67.3 x 9.5 x 3.8) UV Stable Polycarbonate



PC17113N

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