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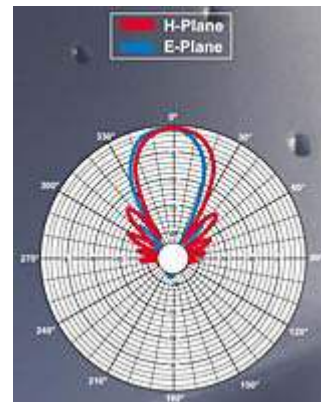
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Item # PC18513N, PCS/DCS and 2.4 GHz ISM band Yagi antennas

Cushcraft's PC18513N is a linearly polarized Yagi antenna which provides for reception and transmission of signals in the 1850-1990 MHz frequency band. The antenna provides a minimum of 13 dBi gain with a nominal 32 by 32 degree half power beamwidth. The PC18513N has a VSWR of 2.0:1 maximum on 50 ohms impedance.

The PC18513N is housed in a rugged, UV stable polycarbonate radome which is weather resistant for outdoor applications. The PC18513N radome is white in color. The antenna is typically provided with a 12 inch (30 cm) coaxial cable and type N female connector. The standard antenna mounting adapter is designed for mast or pole mounting. A variety of custom cable and connector configurations are available.

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Specifications

Band	DCS ISM PCS
Frequency	1850 to 1990 MHz
Gain	13 dBi
Front to Back Ratio	14 dB
3dB Beamwidth, E Plane	35 °
3dB Beamwidth, H Plane	35 °
Radiating Element	Brass
Impedance	50 ohms

RF Connector	N (Female)
Weight	<1.25 lbs <0.56 kg
Mounting Style	Mast mounted w/U-Bolts & Brackets
Enclosure Material	UV Stable Polycarbonate
Max. Mast Diameter	2 1/8 in 5.4 cm
UltraLink Cable	12 in 30.5 cm

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