



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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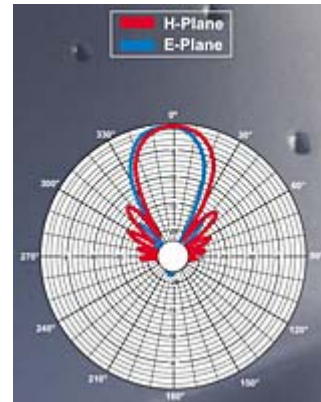
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Item # PC18513N, PCS/DCS and 2.4 GHz ISM band Yagi antennas

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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