

Flat Panel Antenna, Single Polarized, 0.5 ft, 19 dBi

Product Description

Radio Frequency Systems' new flat panel antennas are especially designed to serve license-free ISM, Spread Spectrum and UNII band applications in 2.4 GHz and 5.2-5.8 GHz.

Because of their new, simpler, lightweight construction, these antennas meet the need for an aesthetically pleasing antenna with superior pattern characteristics. New flat panel antennas are lower in profile and weigh significantly less, for easier handling, reduced tower loading and lower shipping cost, and are an attractive solution for both point to point and point to multi point applications.

Ideal for point-to-point and point-to-multipoint applications, these new antennas have been rigorously tested to meet extremely stringent environmental specifications for safe and reliable long-term operation. Their cost effective design translates into an outstanding value for the user.



Technical Features

Product Type	Broadband Wireless Antennas, Point to point antennas
Frequency, GHz	5.15 - 5.35 & 5.725 - 5.875
Profile	Flat Panel
Performance	Standard
Polarization	Single
3dB beamwidth, (degrees)	18
Antenna Input	N Female
Mid Band Gain, dBi	19
F/B Ratio, dB	35
XPD, dB	23
Max VSWR / R L, dB	1.5/14 , 1.7/12 for 5.725-5.85 GHz
Azimuth Adjustment, degrees	360
Radome	Included
Radome Material	Plastic
Antenna color	white
Mounting Pipe Diameter minimum, mm (in)	50 (2)
Mounting Pipe Diameter maximum, mm (in)	75 (3)

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Width x Height x Depth, mm (in)	190 x 190 x 30.5 (7.5 x 7.5 x 1.2)
Approximate Weight, kg (lb)	0.5 (1)

All information contained in the present datasheet is subject to confirmation at time of ordering.