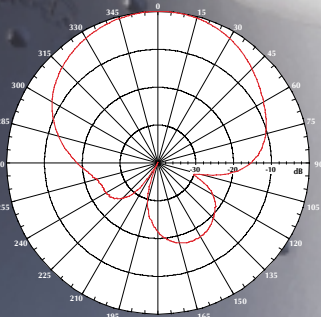


PRODUCT DATA SHEET

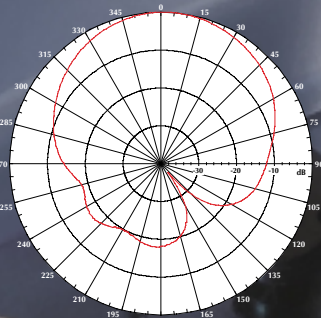


PANEL ANTENNA

- Integrated articulating wall/window mount
- Integrated coax pigtail and connector options
- High gain-to-size ratio value

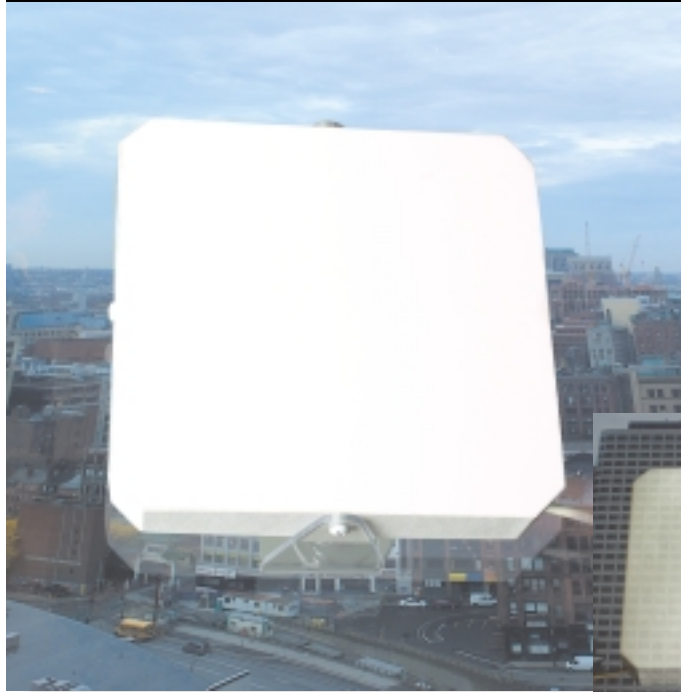


S9027PS E-Plane



S9027PS H-Plane

S9027PS



902-928 MHz, surface mount 7dBi panel antenna

The Cushcraft S9027PS antenna is designed for Broadband Wireless fixed subscriber applications in the 902-928 MHz frequency band. The antenna can in fact be used for any application in the 902-928 MHz band that requires directivity and ease of installation with negligible visual impact on the environment.

The antenna's suction cup mounting system allows for fast easy installation on any window or smooth wall surface, and allows the user to articulate the antenna such that it has the best view to the corresponding base station.

The antenna design also includes an integrated coax pigtail with various coax lengths and connector type options.

Antenna efficiency has been optimized to such a high degree that the antenna package size for gain achieved is best in class and is representative of the state of the art mechanical and electrical design technologies that Cushcraft is known for industry-wide.

Typical applications include indoor wall or window mount in single family homes or apartments supporting broadband wireless system access.

Contact your Cushcraft direct factory sales representative for additional applications information and to place orders.

SPECIFICATION CHART

Model / Part Number:	S9027PS
Frequency MHz:	902-928
Gain dBi:	7
E-Plane (3 dB beamwidth):	70°
H-Plane (3 dB beamwidth):	75°
Polarization:	Linear Vertical or Horizontal
Weight lb(kg):	0.7 (.32) (Antenna w/Bracket)
Front to Back Ratio:	15 dB
VSWR:	1.5:1
Mounting Style:	Window / Wall
Dimensions in.(mm):	7 x 7 x 1.3 (17.8 x 17.8 x 33)
Pigtail:	12" (Standard)
Enclosure:	FR Acrylic / PVC
Power (Watts):	10
RF Connector:	SMA Standard