

## DIRECTIONAL PATCH ANTENNA

Part No. SAS-DP-XXXX-XX



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The SAS-DP-XXXX-XX is a directional patch antenna designed for applications requiring a relatively broad directional radiation pattern.



### ELECTRICAL SPECIFICATIONS

Frequency Range	:	1880-1930 MHz
Gain	:	7.5 dBi
VSWR	:	1.5:1 Maximum
VSWR Bandwidth	:	1880-1930 Mhz
Polarization	:	Vertical
Power Rating	:	1 watt
E-Plane Beam width (-3dB)	:	58 degrees
H-Plane Beam width (-3dB)	:	74 degrees
Front-To-Back Ratio	:	> 15 dB
Cross Polar discrimination	:	20 dB
Impedance	:	50 $\Omega$ nominal
Termination	:	Type SMA female or cable pigtail as required

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### MATERIALS

Radome : ABS (White)

### MECHANICAL SPECIFICATIONS

Overall Size	:	110mm X 103mm X 30mm (4.33 in X 4.00 in X 1.18 in.)
Weight	:	100 gm.
Mounting	:	Tilt and rotational kit for clamping to mast diameter 20 mm to 30 mm and for surface mounting (vertical, inclined or horizontal) are available

### PART NO

Frequency Range 1880 1930		
With SMA female connector	:	SAS-DP-1880-00
With cable pigtail	:	SAS-DP-1880-01. (Length of Pigtail Cable and type of Connector to be specified)
Surface mounting Tilt Kit	:	SMK-DP-0000-00
Mast mounting Tilt Kit	:	MMK-DP-0000-00
Rotational Mounting Kit (Includes Surface Mounting and Mast Mounting Tilt Kit)	:	RMK-DP-0000-00
Other frequency ranges	:	Available against specific requirements.

All specifications in this document are subject to change without further notice for incorporating improvements or design upgradation.

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