

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	:	10 dBi
VSWR	:	1.5:1 Maximum
VSWR Bandwidth	:	1880-1930 Mhz
Polarization	:	Vertical
Power Rating	:	1 watt
E-Plane Beam width (-3dB):	:	40 degrees
H-Plane Beam width (-3dB):	:	74degrees
Front-To-Back Ratio	:	> 18 dB
Cross Polar discrimination	:	20 dB
Impedance	:	50 Ω nominal
Termination	:	Type SMA female or cable pigtail as required

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MECHANICAL SPECIFICATIONS

Overall Size : 120mm X 220mm X 30mm
(4.72 in X 8.66inX1.18 in.)

Weight : 200 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-1880-10

With cable pigtail : SAS-DP-1880-11. (Length of Pigtail Cable and type of Connector to be specified)

Surface mounting Tilt Kit : SMK-DP-0000-10

Mast mounting Tilt Kit : MMK-DP-0000-10

Rotational Mounting Kit
(Includes Surface Mounting and Mast Mounting Tilt Kit) : RMK-DP-0000-10

Other frequency ranges : Available against specific requirements.

MATERIALS

Radome : ABS (White)

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

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