

DIRECTIONAL ANTENNA

Part No. SAS-DP-XXXX-20



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The **SAS-DP-XXXX-20** is a directional antenna designed for applications requiring a relatively broad directional radiation pattern.



ELECTRICAL SPECIFICATIONS

Frequency Range	:	1880-1930 MHz
Gain	:	13 dBi
VSWR	:	1.5:1 Maximum
VSWR Bandwidth	:	1880-1930 MHz
Polarization	:	Vertical
Power Rating	:	1 watt
E-Plane Beam width (-3dB):	:	42 degrees
H-Plane Beam width (-3dB):	:	46 degrees
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	: 220mm X 225mm X 30mm (8.66 in X 8.85inX1.18 in.)
Weight	: 500 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-1880-20
With cable pigtail	: SAS-DP-1880-21. (Length of Pigtail Cable and type of connector to be specified)
Surface mounting Tilt Kit	: SMK-DP-0000-20
Mast mounting Tilt Kit	: MMK-DP-0000-20
Rotational Mounting Kit (Includes Surface Mounting and Mast Mounting Tilt Kit):	RMK-DP-0000-20
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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