

DIRECTIONAL ANTENNA, HIGH GAIN

SAS-DP-XXXX-40

The SAS-DP-XXXX-40 is a directional array antenna designed for DECT RBS applications requiring high gain. It offers a cost effective, light weight, low profile option combined with advantages of relatively short lead time for manufacture and ease of installation.



ELECTRICAL SPECIFICATIONS

Frequency Range	:	1880-1950 MHz
Gain	:	20 dBi min
VSWR	:	1.5:1 Maximum **
Polarization	:	Vertical
Power Rating	:	1 watt
E-Plane Beam width (-3dB)	:	16 degrees
H-Plane Beam width (-3dB)	:	16 degrees
Front-To-Back Ratio	:	>25 dB
Impedance	:	50 ohms nominal
Termination	:	N Female

MECHANICAL SPECIFICATIONS

Overall Size	: 495X487X65
Weight(including clamps)	: 3.5 Kg
Mounting	: Downtilt mast mounting clamps suitable for pipe dia 40mm to 75 mm.with provision for [-3 to +17 degree] Vertical tilt adjustment.

MATERIALS

Radiator	: Copper
Radome	: ABS
Base	: Aluminium.
Mounting Clamps	: Steel, Polyurethane base Paint, suitable for outdoor use.
Fastenings	: Stainless Steel.

PART NO

Frequency Range 1880 – 1900	: SAS-DP-1880-40 - with N Female connector
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All specifications in this document are subject to change without further notice for incorporating improvements or design upgradation.