

The **SAP-DF-XXXX-00** is a directional antenna designed for DECT base station application and difficult to reach and / or for far-off subscriber location.

## DIRECTIONAL ANTENNA

Part No. SAP-DF-XXXX-00

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### ELECTRICAL SPECIFICATIONS

Frequency Range	:1880-1930 MHz
Gain	:12.0 dBi
VSWR	: 1.5:1 Maximum**
Polarization	: Vertical
Power Rating	: 1 watt
E-Plane Beam width (-3 dB)	: 40 degrees
H-Plane Beam width (-3 dB)	: 60 degrees
Front-To-Back Ratio	: >20 dB, 25 dB typical
Cross Polar discrimination	: 15 dB
Impedance	: 50 $\Omega$ nominal
Termination	: Type N female

\*\* 20 MHz band in the range 1880 to 1930 as required



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### MECHANICAL SPECIFICATIONS

Overall Size : 372 mm X 170 mm X 52 mm  
(Without RF Connector)  
(14.65 in X 6.69 in X 2.05 in.)

Weight : 1.5 kg.

Mounting : Hardware for mechanical down tilt and two sets of Clamps suitable for mounting to pipe OD 25 mm to 60 mm supplied.

### MATERIALS

Radiating Elements	:	Copper
Radome	:	ABS
Base	:	Aluminium
Clamps	:	Steel

### PART NO

Frequency Range 1880 – 1900	:	SAP-DF-1880-00
Frequency Range 1900 – 1920	:	SAP-DF-1900-00
Frequency Range 1910 – 1930	:	SAP-DF-1910-00
Down tilt Mounting Kit	:	MMK-DF-0000-00
Other frequency ranges	:	Available against specific requirements.

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

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