

The **SAP-DF-XXXX-02** is a directional Panel antenna designed for DECT base station application and difficult to reach and / or for far-off subscriber location.

PANEL ANTENNA

Part No. SAP-DF-XXXX-02



ELECTRICAL SPECIFICATIONS

Frequency Range	: 1880-1930 MHz
Gain	: 14 dBi
VSWR	: 1.5:1 Maximum**
Polarization	: Vertical
Power Rating	: 1 watt
E-Plane Beam width (-3 dB)	: 28 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 Ω 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 including clamps	: 1.5 kg.
Mounting	: Hardware for mechanical down tilt and two sets of clamps suitable for mounting to pipe OD 40 mm to 75 mm

MATERIALS

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

PART NO

Frequency Range 1880 – 1900	: SAP-DF-1880-02
Frequency Range 1900 – 1920	: SAP-DF-1900-02
Frequency Range 1910 – 1930	: SAP-DF-1910-02
Down tilt Mounting Kit	: MMK-DF-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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