



The SAP-12-XXXX-NF01 is a directional Panel antenna designed for DECT base station application and difficult to reach and / or to cover wider subscriber location.

PANEL ANTENNA

Part No. SAP-12-XXXX-NF01



ELECTRICAL SPECIFICATIONS

Frequency Range	:	1880-1930 MHz
Gain	:	12 dBi
VSWR	:	1.5:1 Maximum**
Polarization	:	Vertical
Power Rating	:	1 watt
E-Plane Beam width (-3 dB):	:	18 degrees
H-Plane Beam width (-3 dB):	:	95 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 : 500 mm X 172 mm X 52mm
(without RF Connector)
(14.65 in X 6.69 in X 2.05 in.)

Weight including clamps : 1.5 kg.

Mounting down : Hardware for mechanical tilt and two sets of clamps suitable for mounting to pipe OD

MATERIALS

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

PART NO

Frequency Range 1880 – 1900 : SAP-12-1880-NF01
Frequency Range 1900 – 1920 : SAP-12-1900-NF01
Frequency Range 1910 – 1930 : SAP-12-1920-NF01
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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