



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

## PANEL ANTENNA

Part No. SAP-12-XXXX-NF01



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### ELECTRICAL SPECIFICATIONS

Frequency Range	: 2400 – 2485 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 $\Omega$ nominal
Termination	: Type N female





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### MECHANICAL SPECIFICATIONS

Overall Size	: 500 mm X 172 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 down	: Hardware for mechanical 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	: SAP-12-2450-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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