



The **SAP-DF-XXXX-40** 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-40



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ELECTRICAL SPECIFICATIONS

Frequency Range	:	1880-1930 MHz
Gain	:	16 dBi
VSWR	:	1.5:1 Maximum**
Polarization	:	Vertical
Power Rating	:	1 watt
E-Plane Beam width (-3 dB):	:	20 degrees
H-Plane Beam width (-3dB):	:	55 degrees
Front-To-Back Ratio	:	20 dB
Impedance	:	50 Ω nominal
Termination	:	Type N female.

** 20 MHz BW to be specified as applicable.





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MECHANICAL SPECIFICATIONS

Overall Size	: 678 mm X 240 mm X 65 mm (without RF Connector) (26.69 in X 9.44 in X 2.55 in.)
Weight including clamps	: 3.0 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-1880-40
Frequency Range 1900 – 1920	: SAP-DF-1900-40
Frequency Range 1910 – 1930	: SAP-DF-1910-40
Down tilt Mounting Kit	: MMK-DF-0000-40
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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