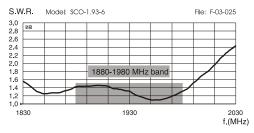
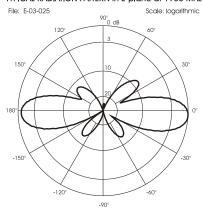
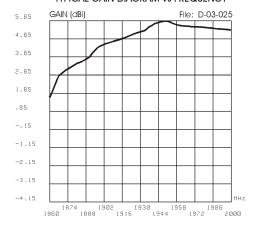
TYPICAL S.W.R. RESPONSE



TYPICAL RADIATION PATTERN in E-plane at 1930 MHz



TYPICAL GAIN DIAGRAM vs FREQUENCY





HI-QUALITY ANTENNAS MADE IN ITALY

OMNI DECT SCO-1.93-6

UHF Base Station Antenna 1880 - 1980 MHz



Installation Manual

DESCRIPTION

Base station antenna working on 1.88-1.98 GHz conceived for DECT system. The radiant element is made of PTFE PCB to guarantee high power and low losses and it is protected by a fiberglass tube. It's supplied with an aluminium bracket for an easy installation on the mast.

SPECIFICATIONS

Electrical Data

Type : Collinear Dipole Array

Frequency Range : 1880-1980 MHz for UMTS system

Impedance : 50Ω

Polarization : Linear Vertical

Max Gain : 6 dBi

3 dB Beamwidth Vertical : 27° @ 1930 MHz Beamwidth Horizontal : 360° omnidirectional

Downtilt : 0° SWR in Bandwidth : ≤ 1.5

Max Power : 20 Watts (CW) @ 30° C

Grounding Protection : All metal parts are DC-grounded, the inner conductor shows a

DC-short

Connector type : N-female, gold plated central pin

Mechanical Data

Housing Materials : Aluminium, Stainless Steel, Chromed Brass

Radome Material : White Fiberglass

Wind Load / Resistance : 11N @ 150 Km/h / 200 Km/h

Wind Surface : 0.01 m² Height (approx.) : 400 mm Weight (approx.) : 360 gr

Operating Temperature : -40° C to 80° C Mounting Mast : Ø 35-54 mm



HI-QUALITY ANTENNAS MADE IN ITALY

MOUNTING INSTRUCTIONS

