

MA521P00

MA521P00 is a shrouded low profile omnidirectional antenna intended for indoor coverage by ceiling installation. It is fitted with a 0.5 meter coaxial cable and a N female connector

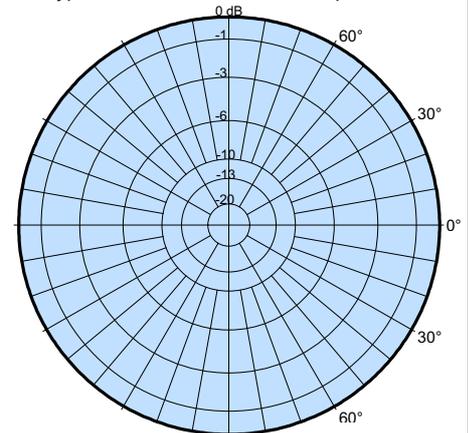


TECHNICAL DATA :

Product code	MA521P00
Frequency range	380 to 400 MHz
Nominal impedance	50 ohms
VSWR	≤ 2
Polarisation	linear, vertical
Gain	0 dBi (at connector level))
Radiation in horizontal plane	omnidirectional within ± 0.5 dB
Radiation in vertical plane	beamwidth (E plane) at -3 dB : ≈ 80°
Maximum power	3 watts
Connection	at the back of the antenna, by a 0.5 meter RG58 black coaxial cable with N female connector at the end
Dimension	height : ≈ 70 mm diameter: ≈ 204 mm
Weight	≈ 470 g
Materials / colours	shroud : white plastic back plate : aluminium, natural
Grounding	All the metallic parts of the antenna are DC connected to the connector ground, including the inner conductor of the connector and the back plate.
Installation	By three holes with the screws and wall plugs supplied with the antenna. Three white caps are supplied to hide the screws after installation.

Note : Metal in the ceiling structure affects the antenna. On a fully metallic ceiling, maximum VSWR is 2.3 and radiation is totally downwards.

Typical radiation in **horizontal plane** :



Typical radiation in **vertical plane** :
(in free space antenna facing downwards or on non metallic ceiling)

