

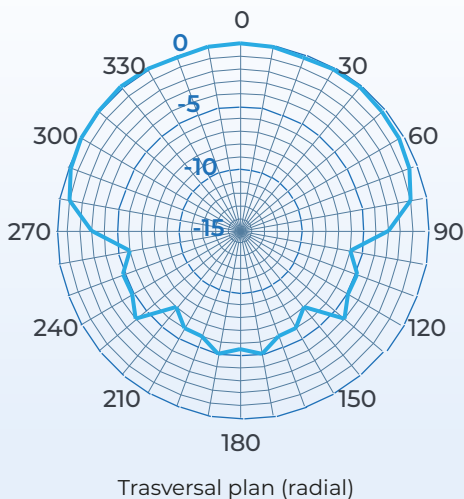


Technical specifications

	C40	C50	C60	C70	C80	C90	C100
Bandwith	400MHz-5.5GHz						
Access Point position	Central						
Total lenght L	40mt	50mt	60mt	70mt	80mt	90mt	100mt
Coverage Area (A) @ 2.4GHz @h=8m	2.400mq	3.000mq	3.600mq	4.200mq	4.400mq	4.950mq	5.500mq
Coverage Area (A) @ 5.2GHz: @h=8m	1.250mq	1.400mq	1.600mq	1.850mq	2.000mq	2.200mq	-
Gain @2.4GHz	-15 ± 3dBi	-16 ± 3dBi	-16 ± 3dBi	-17 ± 3dBi	-17 ± 3dBi	-18 ± 3dBi	-18 ± 3dBi
Gain @5.2GHz	-34 ± 3dBi	-35 ± 3dBi	-36 ± 3dBi	-37 ± 3dBi	-38 ± 3dBi	-39 ± 3dBi	-
Aperture -3dB (a) H plan	160°						
Front to back ratio	5dB						
Average Coupling Loss @2.4GHz	64dB ± 2 dBi						
Average Coupling Loss @5.2GHz	79dB ± 2 dBi						
Characteristic impedance	50Ω						
Banding min radius	200mm						
AP connectors type	Nf (a specific jumper JMPX is required to connect the AP)						
Temperature	from -50° C to +85° C						
Antenna diameter	17mm						
Respect volume (radius)	100mm						
Certification	IEC 60754-1/-2; IEC 61034; IEC 60332-1; IEC 60332-3-24; CPR: Cca s1 d0 a1, EN50575-2017						

*Minimum distance to respect between the antenna and walls/other surfaces during the installation.

Radiation pattern



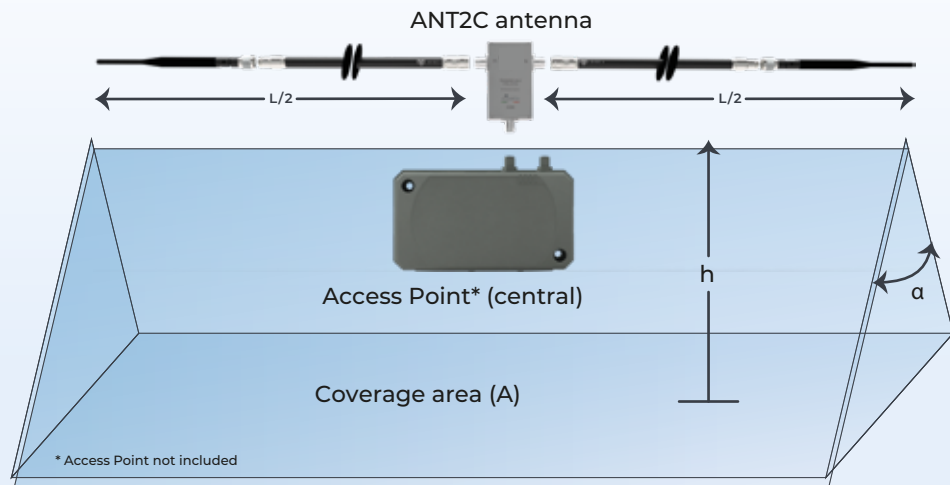
Parameter defintion for a system design with models that fit perfectly with the requests.

L = length of antenna

h = height from the floor

A = nominal coverage area with strength signal >-80dBm

α = nominal aperture of the antenna



Accessories

MOUNTING KIT :
AP JUMER:
PROTECTION:
AMPLIFIER:

MKT1HI; MKT60I; MKT1HO; MKT60O; MKT1HX; MKT60X
JMPRPSMANM/JMPNMNM/JMPRPSMANM
IPD11CS; IPD11HS
AMP2; AMP2SM
AMP5; AMP5D; AMP5SM

MIMO: IPD2X2SM
DIPLEXER: IPD25D; IPD3BAND