

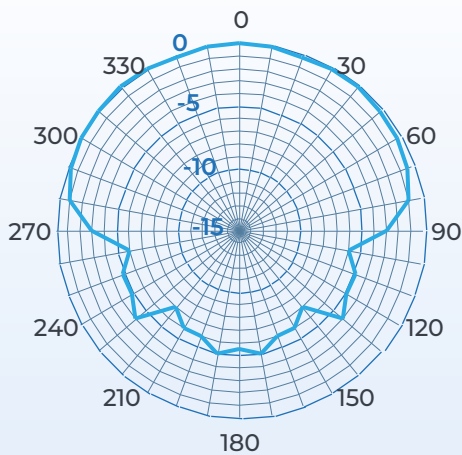


Technical specifications

	L20	L30	L40	L50	L60	L70
Bandwith	1.5GHz-6.2GHz					
Access Point position	Lateral					
Total lenght L	20mt	30mt	40mt	50mt	60mt	70mt
Coverage Area (A) @ 2.4GHz @h=8m	1.100mq	1.650mq	2.200mq	2.750mq	3.300mq	3.800mq
Coverage Area (A) @ 5.2GHz: @h=8m	1.100mq	1.650mq	1.850mq	1.950mq	1.950mq	2.000mq
Gain @2.4GHz	-22 ± 3dBi	-23± 3dBi	-24 ± 3dBi	-26 ± 3dBi	-27 ± 3dBi	-28 ± 3dBi
Gain @5.2GHz	-23 ± 3dBi	-24 ± 3dBi	-25 ± 3dBi	-27 ± 3dBi	-28 ± 3dBi	-30 ± 3dBi
Aperture -3dB (α) H plan	160°					
Front to back ratio	5 dB					
Average Coupling Loss @2.4GHz	70dB ± 2dBi					
Average Coupling Loss @5.2GHz	71dB ± 2dBi					
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					
Diameter	17 mm					
Distance to be respected*	100 mm					
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



Piano trasversale (radiale)

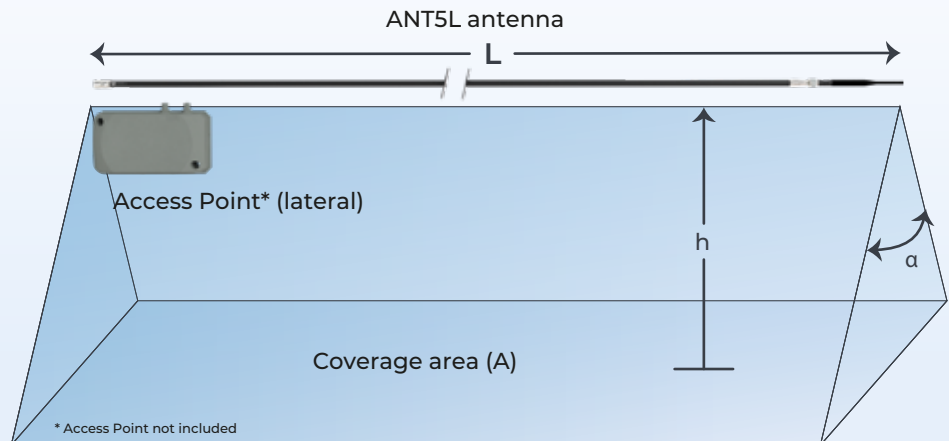
Parameter defintion for a system design with models that fit perfectly with the requests.

L = length of antenna

h = high 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