

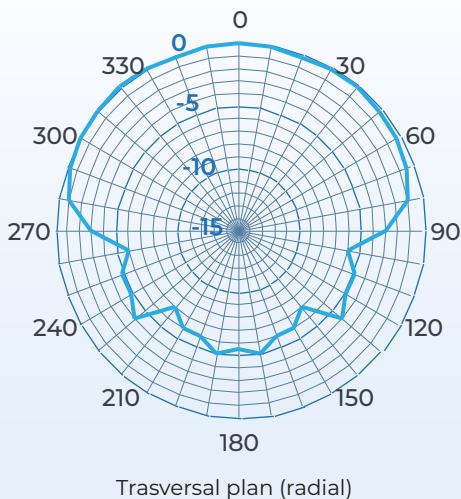


Technical specifications

	L20	L30	L40	L50	L60	L70
Bandwith	400MHz-5.5GHz					
Access Point position	Lateral					
Total lenght L	20mt	30mt	40mt	50mt	60mt	70mt
Coverage Area (A) @ 2.4GHz @h=8m	1.400mq	2.100mq	2.800mq	3.000mq	3.600mq	3.900mq
Coverage Area (A) @ 5.2GHz: @h=8m	750mq	1.050mq	1.350mq	1.400mq	1.650mq	1.900mq
Gain @2.4GHz	-12 ± 3dBi	-13 ± 3dBi	-14 ± 3dBi	-16 ± 3dBi	-17 ± 3dBi	-18 ± 3dBi
Gain @5.2GHz	-31 ± 3dBi	-32 ± 3dBi	-33 ± 3dBi	-35 ± 3dBi	-37 ± 3dBi	-39 ± 3dBi
Aperture -3dB (α) H plan	160°					
Front to back ratio	5dB					
Average Coupling Loss @2.4GHz	61dB ± 2dBi					
Average Coupling Loss @5.2GHz	76dB ± 2dBi					
Characteristic impedance	50Ω					
Banding min radius	200mm					
AP connectors type	Nf (a specific jumper JMPX is required to connect the AP)					
Working temerature	from -50° C to +85° C					
Diameter	17mm					
Distance to be respected*	100mm					
Certifications	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



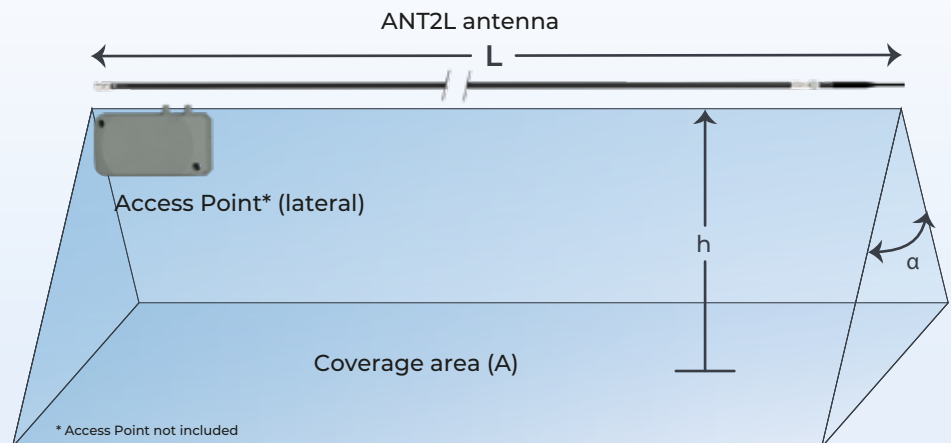
Parameter defintion for a system design with models that fit perfectly with the requests.

L = length of antenna

h = 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