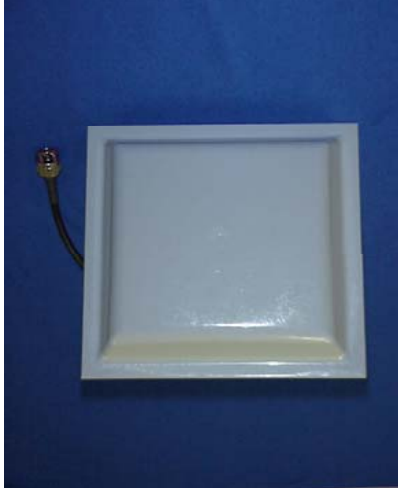


Hills Microwave Networks Antenna Selection Guide

Hills Part No	Description	Type	Frequency (GHz)	Gain (dBi)	Horz Beam (Deg)	Vert Beam (Deg)	Return loss (dB)	F/B Ratio (dB)	X Pole (dB)	Impedance (Ohms)	Connector	Tilt (Deg)	Azimuth (Deg)	Polarisation	Dimension (mm)	Pole Size (mm)
KC4118A	Grid	15	2.4-2.485	15.5	21.4	18.9	15	14	-23	50	N Male 600mm tail	60°+/-	360onpole	Hr or Vt	360x300	25-54
KC4117A	Grid	19	2.4-2.485	20.0	15.7	11	15	20	-28	50	N Male 600mm tail	60°+/-	360onpole	Hr or Vt	610x430	25-54
KC4116A	Grid	25	2.4-2.485	24.0	10	8.2	15	25	-34	50	N Male 600mm tail	12°+/-	360onpole	Hr or Vt	870x720	25-54
FC658152	Vagi	Rapid Mount	2.4-2.485	15.6	31.1	27.2	15	17	-30	50	N Male 600mm tail	45°+/-	360onpole	Hr or Vt	550x108x85	25-38
FC658160	Panel	Multi Mount	2.4-2.485	13.5	36.1	33.6	15	17	-27	50	N Male 350mm tail	90°+/-	360onpole	Hr or Vt	210x210x60	25-58
FB607157	Sector	4 Slot	2.4-2.485	11.8	99.7	18	14	17	-35	50	N Female	-10°	360onpole	Hr	600x100x25	50-60
FB607156	Sector	12 Slot	2.4-2.485	16.3	96.4	6.4	14	17	-35	50	N Female	-10°	360onpole	Hr	1200x100x25	50-60
FB607159	Omni	2x4 Slot	2.4-2.485	8.9	360	19.7	14	N A	-29	50	N Female	-10°	N A	Hr	600x100x25	50-60
FB607158	Omni	2x12 Slot	2.4-2.485	13.3	360	6.7	14	N A	-27	50	N Female	-10°	N A	Hr	1200x100x25	50-60

Description - Grid	Vagi	Panel
Great for - Point to point & Multipoint clients	Point to point & Multipoint clients	Outside or inside & Hot spots



HORIZONTAL POLARISATION
Sector & Omni
Multipoint base sites

