



Approved Antennas for Use with Access Points 2800 and 3800

Figure 1: Approved list of external antenna for use with 2800E/3800E/3800P

Frequency	Part Number	Antenna Type	Antenna Gain (dBi)	Model	Antenna Gain >30 degrees (dBi)	2.4G Location Antenna Gain (dBi)	5G Location Antenna Gain (dBi)
2.4 GHz	AIR-ANT24020V-R	Omni	2	3800E/3800P	NA		
	AIR-ANT2452V-R	Diversity Omni-directional	5.2	3800E/3800P	NA		
	AIR-ANT2430V-R	MIMO 3-Element Omni	3	3800E/3800P	NA		
	AIR-ANT2440NV-R	MIMO Wall-Mount Omni Antenna	4	3800E/3800P	NA		
	AIR-ANT2460NP-R	MIMO 3-Element Patch	6	3800E/3800P	NA		
5 GHz	Internal	Directional (5G XOR)	6	2800/3800I	Indoor Only		
	AIR-ANT5140V-R	MIMO 3-Element Omni	4	3800E/3800P	Indoor Only		
	AIR-ANT5140NV-R	MIMO Wall-Mount Omni Antenna	4	3800E/3800P	-8		
	AIR-ANT5145V-R	Diversity Omni-directional	4.5	3800E/3800P	Indoor Only		
	AIR-ANT5160NP-R	MIMO 3-Element Patch	6	3800E/3800P	3		
2.4 / 5 GHz	Internal	Omni (2.4G XOR / 5G Dedicated)	4 / 5	2800/3800I	Indoor Only		
	AIR-ANT2451V-R	Omni	2 / 3	3800E/3800P	Indoor Only		
	AIR-ANT2451NV-R	Omni	3 / 4	3800E/3800P	Indoor Only		
	AIR-ANT2524DB-R	Dual-resonant black dipole	2 / 4	2800E/3800E/3800P	Indoor Only		
	AIR-ANT2524DW-R	Dual-resonant white dipole	2 / 4	2800E/3800E/3800P	Indoor Only		
	AIR-ANT2524DG-R	Dual-resonant gray dipole	2 / 4	2800E/3800E/3800P	Indoor Only		
	AIR-ANT2524V4C-R	Dual-resonant ceiling mount omni (4-pack)	2 / 4	2800E/3800E/3800P	Indoor Only		
	AIR-ANT2535SDW-R	Dual-resonant "stubby" monopole	3 / 5	2800E/3800E/3800P	Indoor Only		
	AIR-ANT2544V4M-R	Dual-resonant omni (4-pack)	4 / 4	2800E/3800E/3800P	Indoor Only		
	AIR-ANT2566P4W-R	Dual-resonant "directional" antenna (4-pack)	6 / 6	2800E/3800E/3800P	3		
	AIR-ANT2566D4M-R	Dual-Band Polarization-Diverse Directional Array	6 / 6	3800P	3		
	AIR-ANT2513P4M-N	Dual-resonant cross-pol "directional" antenna (4-pack)	13 / 13	3800P	-7		

The above list is the approved antennas for use in the US Theater using the FCC –B domain. The new –B products allow for outdoor use provided the correct antenna is used. Customers should avoid using UNII-1 band outdoors in the US unless the –P version is used.

