

KNOW-WHAT

Differences
between
A6034 and
A5060
antenna



Twins?

A6034 and A5060 may look similar both physically and electrically but they have subtle differences with distinguishing features!



A5060



A6034




Parametric Similarities

- Circularly polarized antennas
- Side cable with SMA connector
- Operating temperature ranges between -20°C (-4°F) and +55°C (+131°F)
- Radiation patterns are asymmetric with wide and narrow patterns
- -25 dB front-to-back ratio
- Can be flush and rack mounted using the four corner mounting holes or a VESA mounting adapter
- IP65 rated splash-proof
- Smart electrical design protects RFID readers from environmental RF reflections




Parametric Differences

Features	A6034	A5060
Gain	9 dBiC	Powerful 10.5 dBiC
Beam-width	25° along its length and 81° across its length	25° along its length and 60° across its length
Patch array	Sparsely packed 4 patch array	Densely packed 8 patch array
Antenna dimensions	747 mm (29.4") long, 314 mm (12.4") wide and 12 mm (0.5") thick	600 mm (23.6") long, 300 mm (11.8") wide and 8 mm (0.3") thick
Packaging dimensions	770 mm (30.3") long, 360 mm (14.1") wide and 35 mm (1.4") thick	620 mm (24.4") long, 335 mm (13.1") wide and 30 mm (1.2") thick
Weight	2.2 kgs (4.9 lbs)	1.5 kgs (3.3 lbs)
MSRP	\$280 USD	\$275 USD




When to use the A5060

- When I need to read high dense assets
- When I cannot get acceptable read accuracy due to cable losses or limited available RFID reader power
- When I need to read tags from a longer distance
- When I intend to read a lot of metal assets. 8-patch arrays (A5060) are better than the 4-patch arrays (A6034)
- When the A6034 is too big for my solution.
- When I want to reduce storage space and require a lightweight antenna to save in freight cost.
- When I cannot rotate the antenna but wanted to limit the stray reads.



When to use the A6034

- When aesthetics takes priority. The pictureframe gives the A6034 a beautiful finish.
- When my reader can compensate for the power losses in long cables, and I don't need a high gain antenna
- For less-dense asset tracking applications
- When I wanted a wider beam-width to achieve a wider read zone such as wide hallways in hospitals, wide gates inside a warehouse, etc.
- When I wanted to use the same family of antennas (A6031, A6032) for aesthetic reasons.



Still in
doubt?!

Contact sales@times-7.com and we will help you select the right antenna for your application.