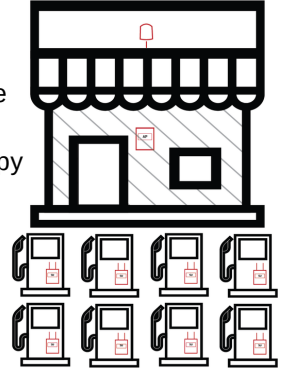


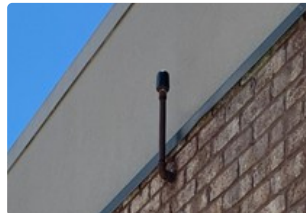
# AvaLAN AW58ANT-8ft Mounting Guide

1. Perform a site survey outside, taking note of store and dispenser locations. Look for areas on the outside of the store that allow the antenna to be mounted higher up (roughly 15ft). This can help the signal reach over any large vehicles. We do not advise mounting it so high that the dispenser canopy breaks the line of sight. This post may help you in determining the best placement for your external antenna:

<https://www.avalannetworks.com/post/wireless-antennas-and-your-avalan-emv-solution-a-brief-briefing>



2. Once you have a good idea of where you'd like the antenna to be, make sure CAT5/6 can reach that area on the inside of the store. This is where you can mount your In-Store Access Point. We advise mounting it out of reach of customers. Note: Max CAT5/6 length is 328ft.
3. The AW58ANT-8ft nut is 3/4 inch – drill a hole through the wall that will snugly allow 3/4ths inch conduit to go through.
4. Before feeding conduit through the wall, we advise attaching the antenna to an elbow like the image below. This allows you to rotate the antenna cables going more easily through the elbow to ensure a good, snug fit without damaging the cables. After that, you can attach the antenna and elbow pair to a piece of conduit and then feed that through the wall.



5. Once you have it through, position the antenna the way you want it to be sitting outside. We advise giving the antenna at least 3 inches of space from the wall behind it. Once you have it in a proper position, seal the conduit on the wall. That sealant should be enough to prevent the antenna from moving.