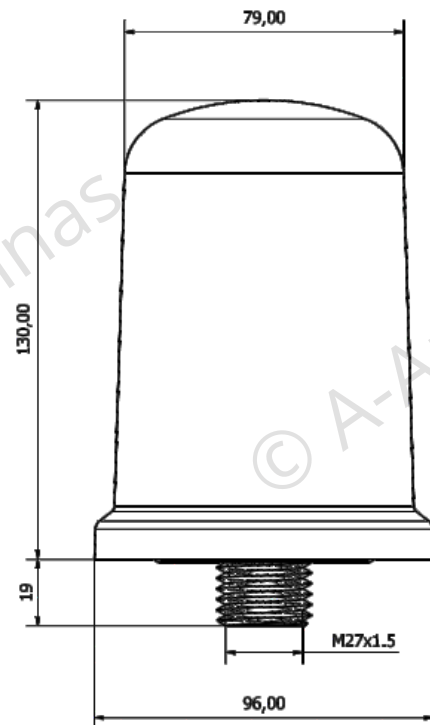


| | |
|------------------------|---|
| Frequency range(s) | 450-470MHz, 2410-2490MHz, 4920-5925MHz |
| Gain Min* (all bands) | 0dBd (≈2dBi) |
| Gain Max* (all bands) | 3dBd (≈5dBi) |
| VSWR* | <2:1 |
| Efficiency (all bands) | Better than -5dB |
| Impedance | 50Ω |
| Polarization | Linear |
| Antenna type | Patch |
| Radiation pattern | Omnidirectional |
| Maximum power | 25W |
| Cable** | AA195 |
| Cable attenuation | <0.25dB/m @ 450MHz <0.55dB/m @ 2GHz |
| Cable length** | 5/3m |
| Connector** | SMA(m), FME(m), BNC(m) or SMA(m)/SMA(m) RP (Other connectors available) |
| Temperature range | -40°C to +85°C |
| Maximum humidity | RH95% non condensing |
| Wind resistance | >150km/h |
| IP Class | IP67 |
| IK Class | IK09 |
| UV resistance | >10years |
| Flammability | V1 |
| Conformity | ROHS/CE |
| Dimensions | Height 130mm, Bottom-Ø 96mm, Top-Ø 79mm |
| Weight | 450g |
| Color | Black |
| Material | ABS and Steel |



* The total efficiency and VSWR is depending on materials in the near field of the antenna and size/shape of GND. The values in the specification are typical values in free space

** Other cable lengths and connector available on demand

Cable length, connector combinations:

5m:

- W1V-C050-AB-BL (5m cable, SMA male, black antenna)
- W1V-C050-AS-BL (5m cable, FME male, black antenna)
- W1V-C050-EA-BL (5m cable, BNC male, black antenna)
- W1V-C050-RW-BL (5m cable, SMA male on LTE, SMA male RP on WiFi, black antenna)

3m:

- W1V-C030-AB-BL (3m cable, SMA male, black antenna)
- W1V-C030-AS-BL (3m cable, FME male, black antenna)
- W1V-C030-EA-BL (3m cable, BNC male, black antenna)
- W1V-C030-RW-BL (5m cable, SMA male on LTE, SMA male RP on WiFi, black antenna)