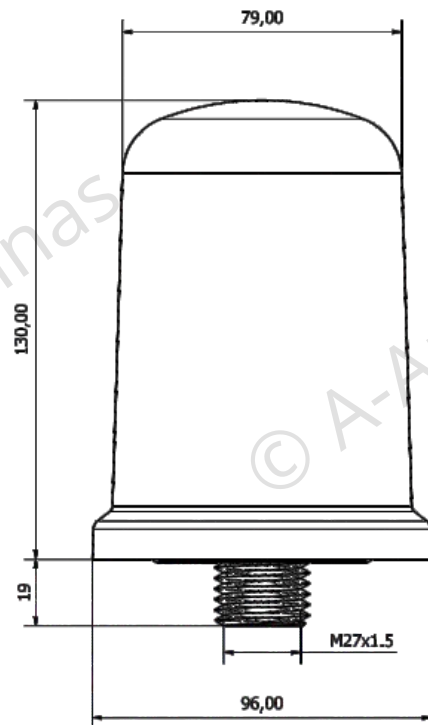


Frequency range(s)	450-470MHz, 2410-2490MHz, 4920-5925MHz
Gain Min* (all bands)	0dBd (≈2dBi)
Gain Max* (all bands)	3dBd (≈5dBi)
VSWR*	<2:1
Efficiency (all bands)	Better than -5dB
Impedance	50Ω
Polarization	Linear
Antenna type	Patch
Radiation pattern	Omnidirectional
Maximum power	25W
Cable**	AA195
Cable 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	Grey
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-GR (5m cable, SMA male, grey antenna)
- W1V-C050-AS-GR (5m cable, FME male, grey antenna)
- W1V-C050-EA-GR (5m cable, BNC male, grey antenna)
- W1V-C050-RW-GR (5m cable, SMA male on LTE, SMA male RP on WiFi, grey antenna)

### 3m:

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