

Frequency range(s)	450-470MHz
Gain Min*	2dBi (≈0dBd)
Gain Max*	3dBi (≈1dBd)
VSWR*	<2
Efficiency	Better than -3dB
Impedance	50Ω
Polarization	Vertical
Antenna type	Wallmount patch
Radiation pattern	Omnidirectional in free space
Maximum power	10W
Cable**	Low loss AA100
Cable attenuation	<0.52dB/m @ 450MHz
Cable length**	1.5m/3m
Cable color**	Grey
Connector**	Fakra D(f) RA, SMA(m) Str.
Mounting***	Adhesive
Temperature range	-40°C to +85°C
Maximum humidity	RH 95% non condensing
Wind resistance	>150km/h
IP Class	IP67
IK Class	IK09
UV resistance	>10years
Product lifetime	>20years
Flammability	V0
Conformity	ROHS/CE
Dimensions	232x75x38mm
Weight	210g
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

\*\*\* Screw and magnet mount available

## Cable length, connector combinations:

60G-A015-AB-100	(1.5m cable, SMA(m) Str.)
60G-A030-AB-100	(3m cable, SMA(m) Str.)
60G-A015-AK-100	(1.5m cable, Fakra D(f) RA)
60G-A030-AK-100	(3m cable, Fakra D(f) RA)



### Mounting instructions

For screw mount: Mount the antenna with suitable screws with flat underside. Screws thicker than the mounting hole might damage the antenna.

For adhesive mount: Make sure the mounting area is clean

Note that the cable is sensible for squeezing and sharp bends. Minimum bending radius R10.

The antenna can be mounted directly on metal (like a metal cabinet), wooden and plastic surfaces and in free space on a pole.