

Frequency range(s)		450-470MHz, 698-2700MHz, 3100-3700MHz
Gain Min*	450-470MHz	1dBi ($\approx$ -1dBd)
	698-2700MHz	3dBi ($\approx$ 1dBd)
	3100-3700MHz	5dBi ($\approx$ 3dBd)
Gain Max*	450-470MHz	2dBi ($\approx$ 0dBd)
	698-2700MHz	4dBi ($\approx$ 2dBd)
	3100-3700MHz	7dBi ($\approx$ 5dBd)
VSWR*	450-470MHz	<3:1
	698-2700MHz	<2.5:1
	3100-3700MHz	<2.5:1
Efficiency	450-470MHz	Better than -5dB
	698-2700MHz	Better than -3dB
	3100-3700MHz	Better than -3dB
Impedance		50 Ω
Polarization		Vertical (if mounted vertically)
Antenna type		Patch
Radiation pattern		Omnidirectional in free space
Maximum power		10W
Cable**		AA195 Super low loss
Cable attenuation		<0.25dB/m @ 450MHz
		<0.55dB/m @ 2GHz
Cable length**		20cm on antenna
		3 or 5m extensions in kits
Cable color**		Off-White
Connector**		SMA(m) Str.
Mounting		Metal center mount
Temperature range		-40°C to +80°C
Maximum humidity		RH 95% non condensing
Wind resistance		>150km/h
IP Class		IP66
IK Class		NA
UV resistance		>10years
Product lifetime		>20years
Flammability		V0
Conformity		ROHS, CE, WEEE
Dimensions		188x58x64mm
Weight		TBD
Color		RAL 7032 (Pebble 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

Antenna kits:

70G-C000-AB-195 Antenna and mounting kit

70G-C030-AB-KIT 2 antennas, 3m ext. cables, mounting kits

70G-C050-AB-KIT 2 antennas, 5m ext. cables, mounting kits

