

Frequency range(s)	450-470MHz, 698-2700MHz, 3100-3700MHz	
Gain Min*	450-470MHz	0dBi (≈2dBd)
	698-2700MHz	2dBi (≈0dBd)
	3100-3700MHz	4dBi (≈2dBd)
Gain Max*	450-470MHz	2dBi (≈0dBd)
	698-2700MHz	4dBi (≈2dBd)
	3100-3700MHz	6dBi (≈4dBd)
VSWR*	450-470MHz	<3:1
	698-2700MHz	<3:1
	3100-3700MHz	<3:1
Efficiency	450-470MHz	Better than -5dB
	698-2700MHz	Better than -4dB
	3100-3700MHz	Better than -3dB
Impedance	50Ω	
Polarization	Vertical (if mounted vertically)	
Antenna type	Patch	
Radiation pattern	Omnidirectional in free space	
Maximum power	10W	
Cable**	AA100 Low loss	
Cable attenuation (AA100)	<0.52dB/m @ 450GHz	
	<0.85dB/m @ 2GHz	
Cable length**	1.5m/3m	
Cable color**	Grey	
Connector**	Fakra D(f) RA, SMA(m) Str.	
Mounting	Wall or pole	
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	15 years	
Product lifetime	>15 years	
Flammability	V0	
Conformity	ROHS, CE, WEEE	
Dimensions	159x49x52mm	
Weight	TBD	
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:

701-A015-AK-100 Adhesive Fakra D(f) RA 1.5m AA100

701-A030-AK-100 Adhesive Fakra D(f) RA 3m AA100

701-A015-AB-100 Adhesive SMA(m) Str. 1.5m AA100

701-A030-AB-100 Adhesive SMA(m) Str. 3m AA100

701-A015-AK-030 Adhesive Fakra D(f) RA 1.5m RG178

701-A030-AK-030 Adhesive Fakra D(f) RA 3m RG178