

Frequency range(s)	440-480MHz, 690-960MHz, 1710-2690MHz	
Gain Min*	440-480MHz	>3dBd (≈5dBi)
	690-960MHz	>5dBd (≈7dBi)
	1710-2690MHz	>5dBd (≈7dBi)
Gain Max*	440-480MHz	>4dBd (≈6dBi)
	690-960MHz	>7dBd (≈9dBi)
	1710-2690MHz	>7dBd (≈9dBi)
VSWR*	440-480MHz	<2:1
	690-960MHz	<2:1
	1710-2690MHz	<2:1
Antenna efficiency*	440-480MHz	> -3dB
	690-960MHz	> -3dB
	1710-2690MHz	> -3dB
Impedance	50Ω	
Polarization	Vertical	
Antenna type	Patch antenna	
Radiation pattern	Directive	
Opening angle	90°	
Maximum power	10W	
Cable**	NA - fixed connector	
Cable attenuation	NA - fixed connector	
Cable length**	NA - fixed connector	
Cable color**	NA - fixed connector	
Connector**	N female	
Mounting	Wall or pole	
Temperature range	-40°C to +85°C	
Maximum humidity	RH 95% non condensing	
Wind resistance	>150km/h	
IP Class	IP66	
IK Class	NA	
UV resistance	>10 years	
Product lifetime	>15years	
Flammability	V1	
Conformity	ROHS/WEEE/CE	
Dimensions	305x205x53mm	
Weight	1800g	
Color	Grey	
Material	ABS and Aluzink	



* 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