

AT-O-1.05-1.38-S



1.05-1.38 GHz linearly polarized dipole antenna fitted with an SMA connector

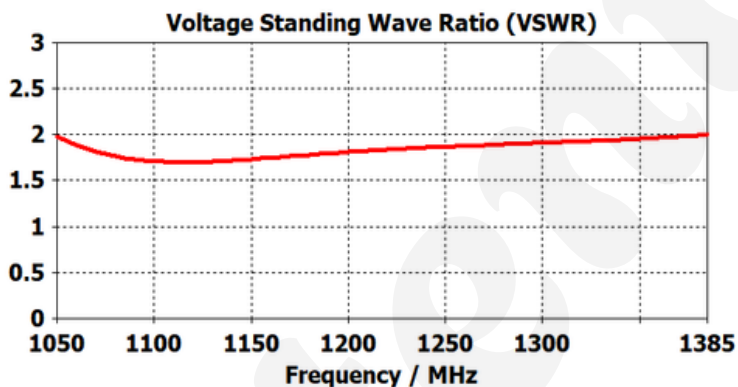
Key Specifications

Operating frequency band	1050-1385 MHz
Connector	SMA male
VSWR	< 2:1
Gain	>1.5 dBi
3dB Beamwidth	60-75 degrees
Polarization	linear
Size	length 177mm, dia 13mm
Weight	20g

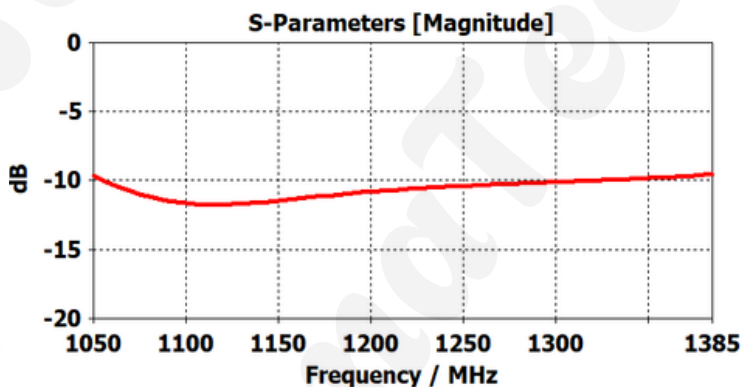
This lightweight end-fed dipole antenna covers 1050–1385 MHz frequency range and is designed for compact wireless platforms where low weight and reliable RF performance are important. With a small 20 g structure, SMA interface, and stable linear radiation characteristics, it is suitable for UAVs, drones, airborne payloads, telemetry links, portable communication equipment, and platform-mounted RF systems requiring efficient operation with minimal size and weight.

Please contact AntennaTec for a full interface control drawing.

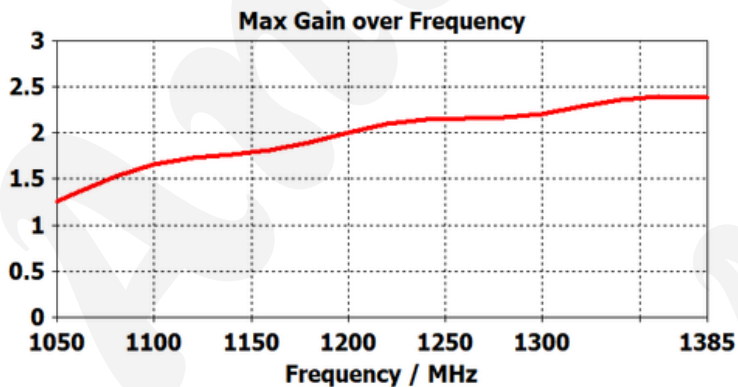
VSWR



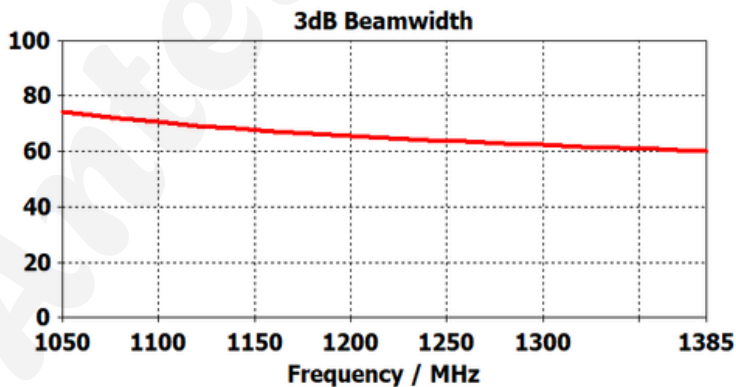
S11



Gain



Beamwidth

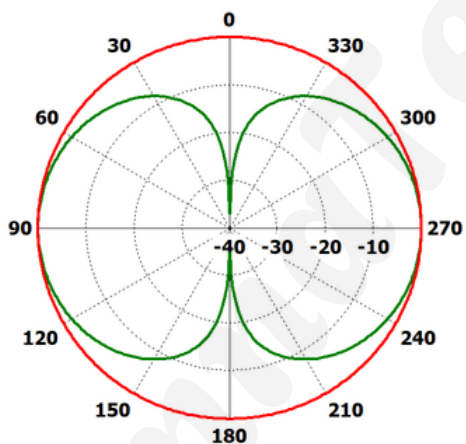


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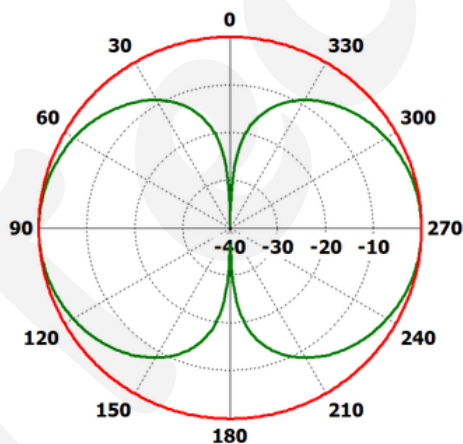


Radiation Patterns: Red = Azimuth; Green = Elevation

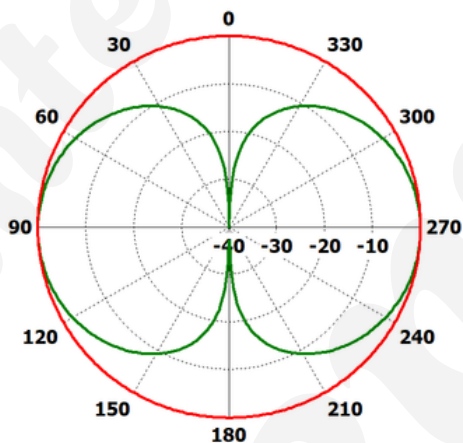
1.05GHz



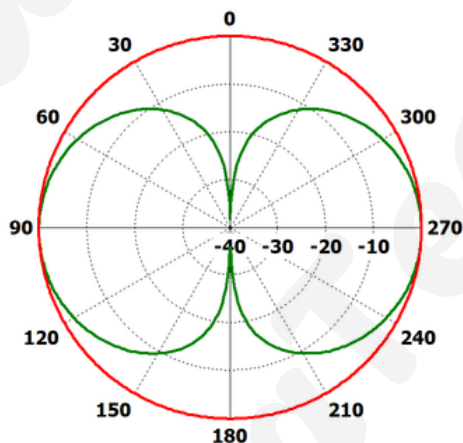
1.1GHz



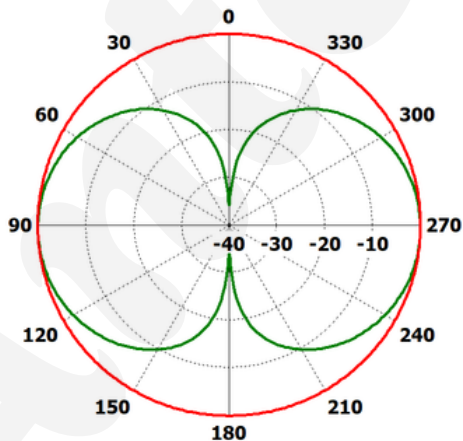
1.2GHz



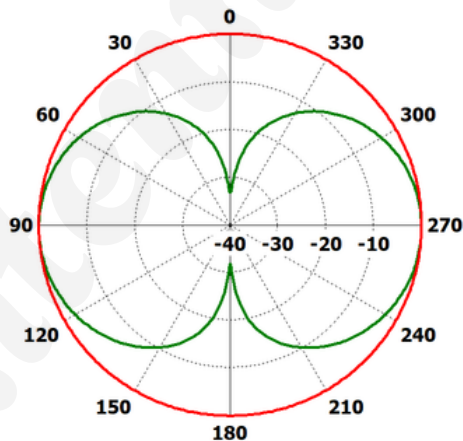
1.25GHz



1.3GHz



1.38GHz



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