

AT-O-0.79-1.22-S



Key Specifications

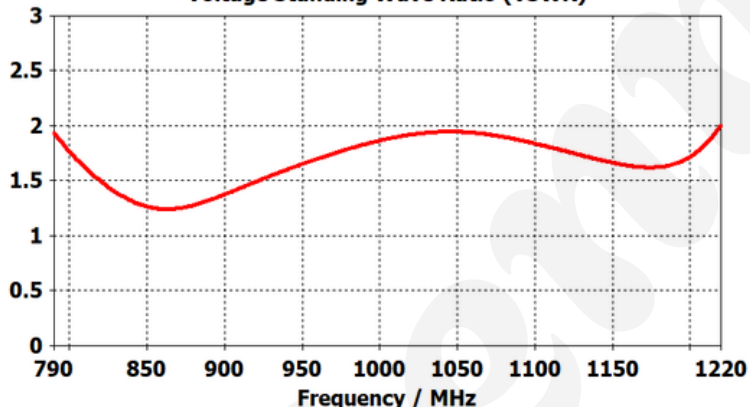
Operating frequency band	790-1220 MHz
Connector	SMA male
VSWR	< 2:1
Gain	>2 dBi
3dB Beamwidth	65-85 degrees
Polarization	linear
Size	length 15cm, width 14cm
Weight	< 35g

This T-shaped dipole antenna operates across 790–1220 MHz frequency range and provides broadband linear performance for wireless communication and telemetry applications. Its compact planar structure, lightweight design, and stable beam characteristics make it suitable for UAV platforms, portable wireless systems, tracking links, remote monitoring units, and compact RF installations requiring reliable operation across a wide lower-L-band frequency range.

Please contact AntennaTec for a full interface control drawing.

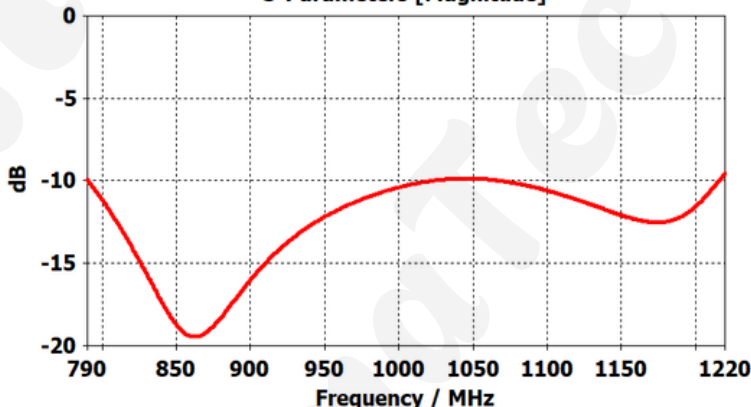
VSWR

Voltage Standing Wave Ratio (VSWR)



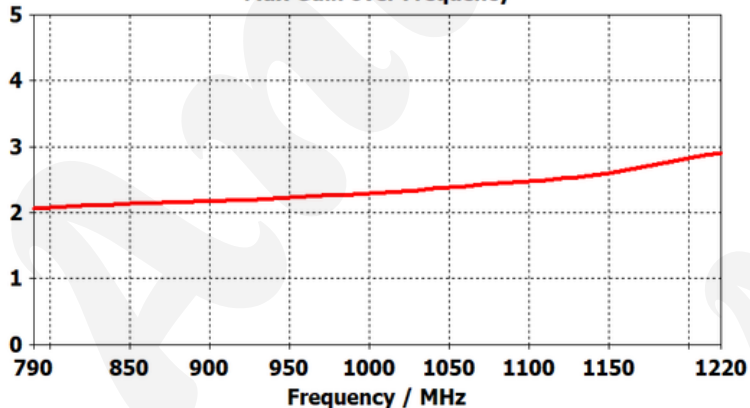
S11

S-Parameters [Magnitude]



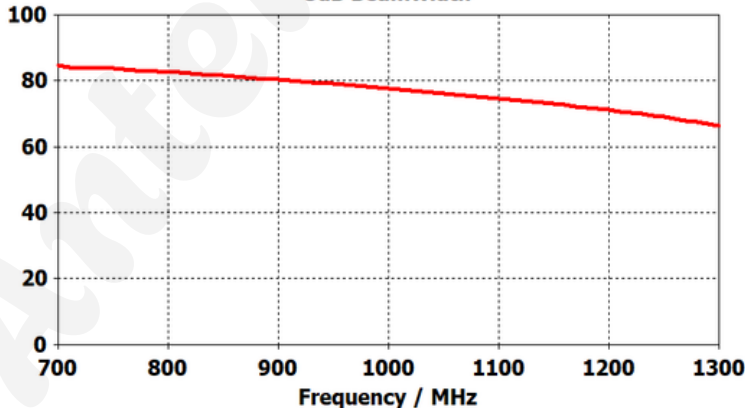
Gain

Max Gain over Frequency



Beamwidth

3dB Beamwidth

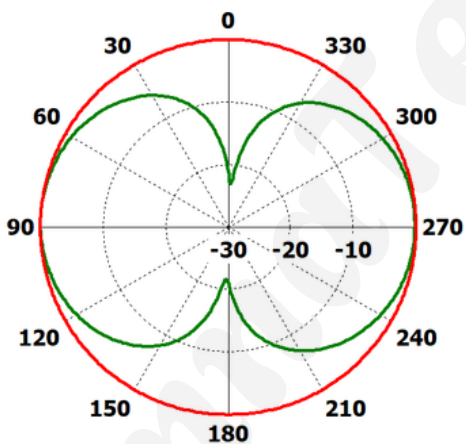


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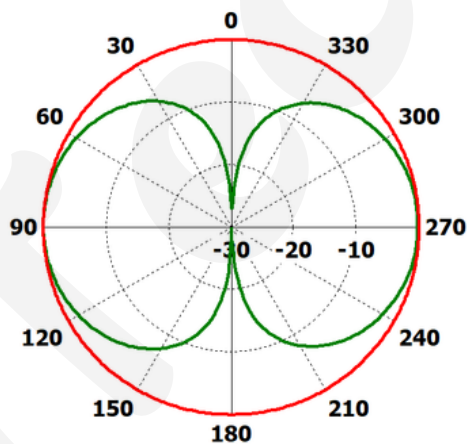


Radiation Patterns: Red = Azimuth; Green= Elevation

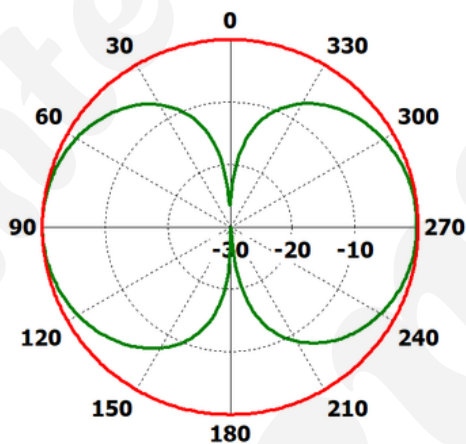
0.79GHz



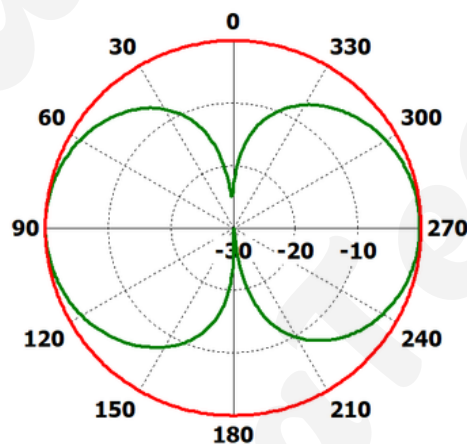
0.9GHz



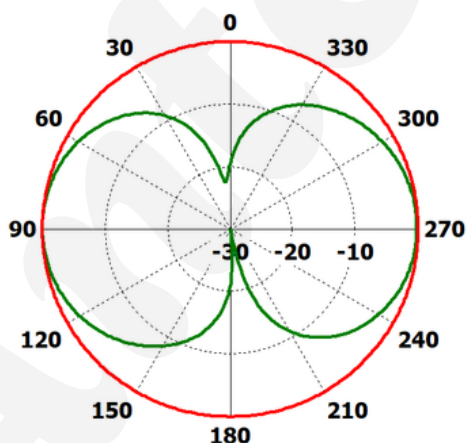
1GHz



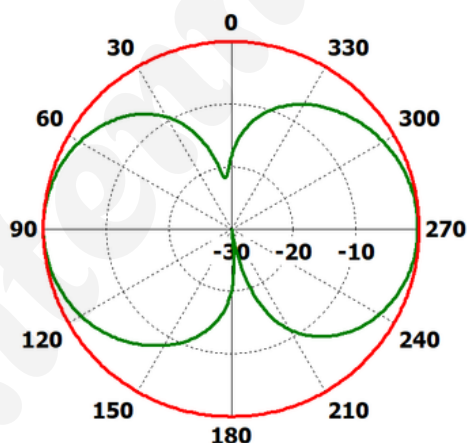
1.1GHz



1.2GHz



1.22GHz



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