

YOA-090

Portable Broadband Omnidirectional Antenna

At a Glance

The YOA-090 is a portable broadband omnidirectional antenna with a frequency range of 150 MHz - 9 GHz.

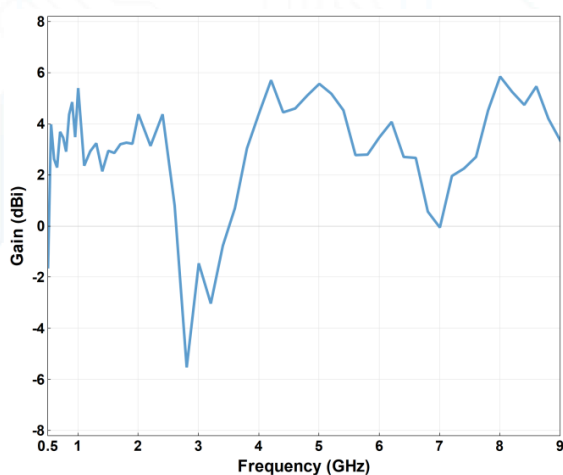


Specifications

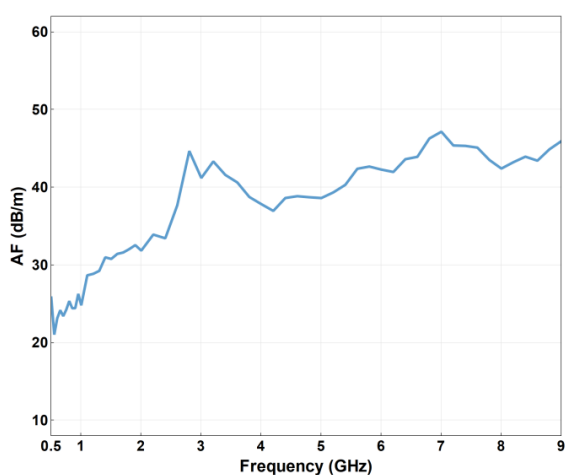
Specification	Value
Frequency range	150 MHz - 9 GHz
Gain	3 dBi (typ.)
VSWR (typ.)	150 MHz - 850 MHz: 4.0 ~ 12.0 850 MHz - 9 GHz: <2.5
RF connection	SMA (M)
Impedance	50 Ω
Polarization	Linear
Directivity	Omnidirectional in the horizontal plane
Maximum input power	10 W
Operating temperature	-20 to 50 °C
Dimensions (L x W x D)	197 x 62 x 17 mm
Weight	70 g

YOA-090 Gain and Antenna Factor

YOA-090 Gain

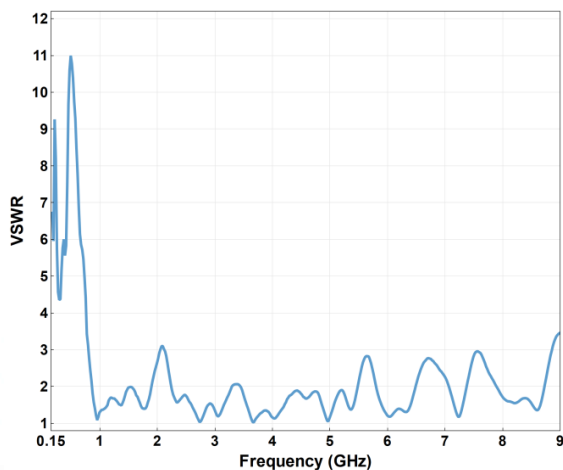


YOA-090 Antenna Factor

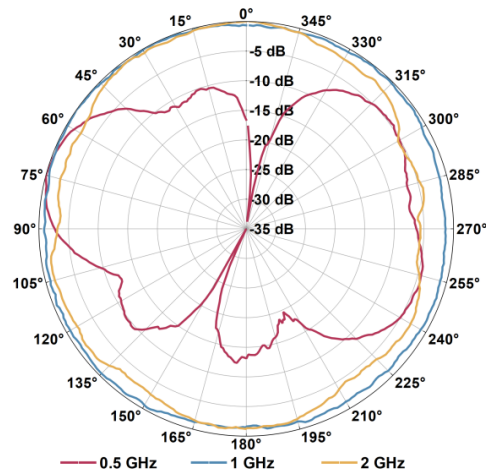


YOA-090 VSWR and Radiation Patterns

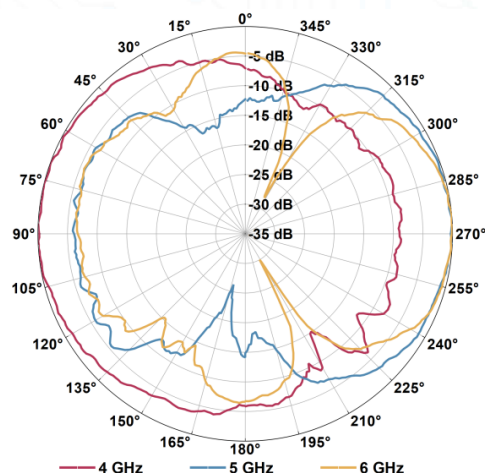
YOA-090 VSWR



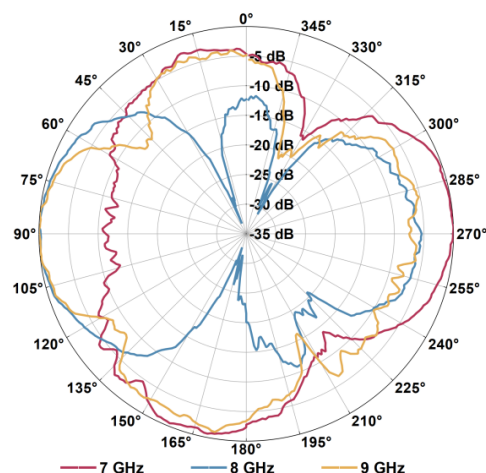
YOA-090 Low-Frequency Radiation Pattern



YOA-090 Mid-Frequency Radiation Pattern



YOA-090 High-Frequency Radiation Pattern



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