

HE-238-165-HH

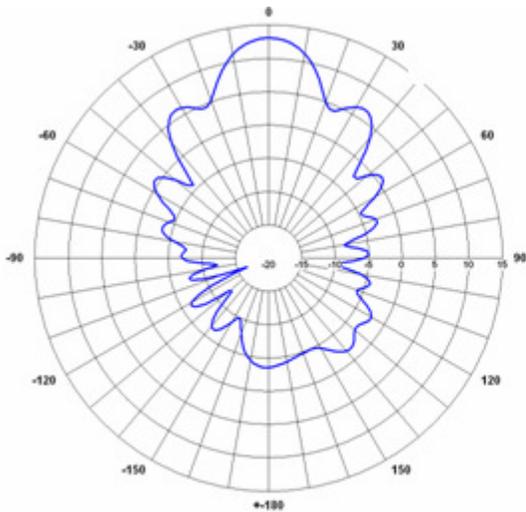
DF Antenna



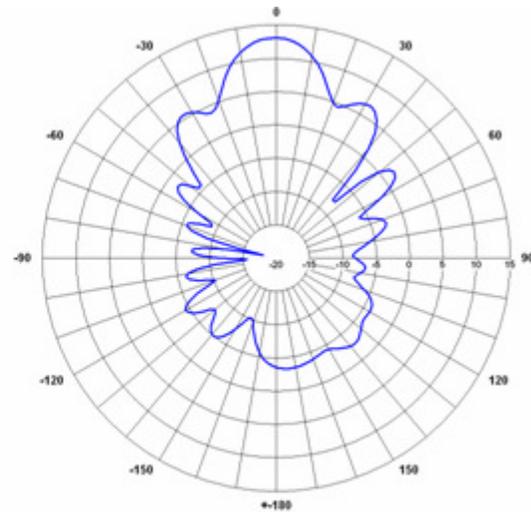
The HE-238-165-HH is a hand held directional antenna. The antenna is constructed entirely of aircraft certified 6061-T6 aluminum and G-10 fiberglass with copper radiator in a 100% sealed radome. This antenna was custom matched from 1.2 to 1.6 GHz to have the lowest VSWR possible, achieving a 2:1 VSWR across the band. The antenna is designed to provide many years of service.

Electrical Specifications

Model:	HE-238-165-HH
Frequency:	1.2 - 1.6 GHz
Gain (see gain plot):	15 dBi (F₀)
Power Handling:	RECEIVE ONLY
Polarization:	RHCP
VSWR:	2:1 maximum
Beamwidth:	27° degrees (F₀)



phi=0 @ 1575.4 MHz

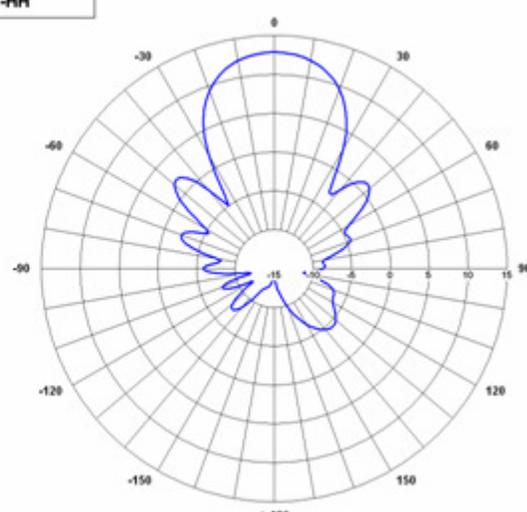


phi=90 @ 1575.42 MHz

TMC Design Corporation
HE-238-165-HH



phi=0 @ 1227.6 MHz



phi=90 @ 1227.6 MHz

R

Mechanical Specifications

Model: HE-238-165-HH

Dimensions: 7" x 35"

Weight: 5.25 lbs.