

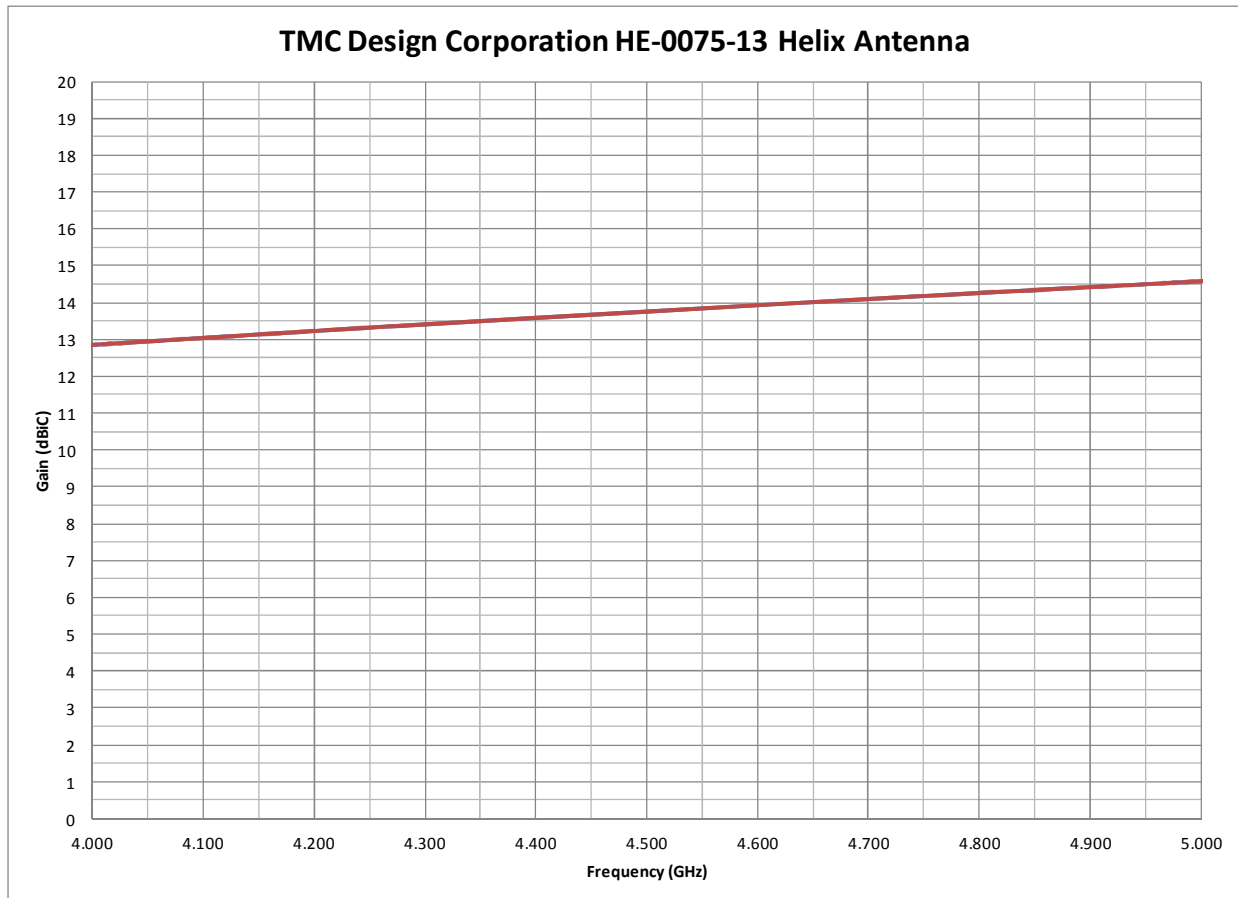
HE-0075-10 Helical Antenna



The HE-0075-10 is a high power, circularly polarized (RHCP or LHCP) severe duty physically small antenna for both military and commercial applications. 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 is custom matched from 4.0 to 5.0 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-0075-10
Frequency:	4.0 - 5.0 GHz
Gain (see gain plot):	~13 dBiC (4.5GHz)
Power Handling:	200 watts CW (Ntype Connector)
Connector:	Standard Ntype, SMA optional
Polarization:	RHCP or LHCP
VSWR:	2:1 maximum
Beamwidth:	30° x 30° degrees (F₀)



Mechanical Specifications

Model: HE-0075-10

Dimensions: 5" length x 4.0" diameter

Weight: 08 oz