

Wideband Ka-band Antenna



Model: Ka-12

Features and Benefits

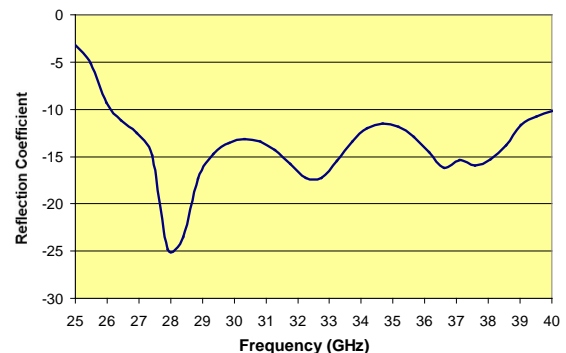
- Operation over entire Ka-band
 - 26 – 40 GHz
- Dual Polarized
- Highly Efficient
- Easily Integrated with TX/RX circuits

The **octane**® Ka-band antenna is unique in its ability to provide dual linear polarization. This antenna is the ideal antenna solution for fixed point-to-point or point-to-multi-point applications. This class of antenna is completely passive, and requires no tuning or adjustments. The low-volume antenna provides an efficient radiator over the operational bandwidth of 26 to 40 GHz and exhibits a VSWR of less than 2:1 over this band. The **octane**® Ka-band antenna is easy to install with a standard K-connector.

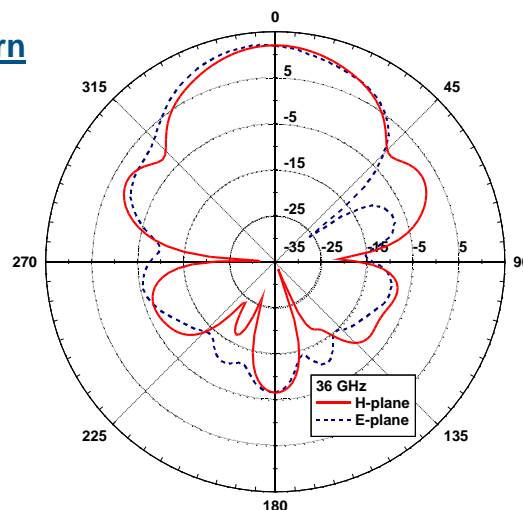
Characteristics

Frequency	26 – 40 GHz
Gain	> 12 dBi (up to 30 dBi also available)
Max Power	> 10 Watts
Polarization	Dual Linear
VSWR	< 2:1
Mounting	Two 0.13" holes 1.61" apart
Color	Black
Size	Body 5.7" × 1.3" diam.
Weight	< 8 oz.
Connector	K-connector

Reflection Coefficient



Radiation Pattern



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