

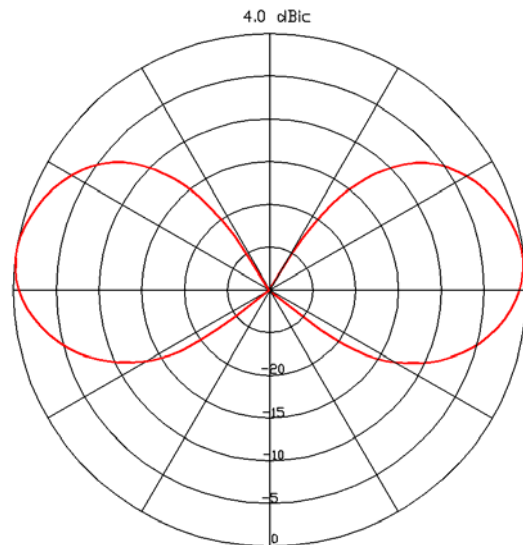
**Epsilon 10 Microdesign**

**OMxxyyRQ.x**  
**2.0 – 17 GHz RHCP Quadrafilar**  
**OMNIS**

The OMxxyyRBQ is a wide band RHCP omni directional antenna providing maximum gains on the horizon with null (Q ver) on axis or -10 dB (B ver) on axis. Originally designed for spaceborne communications systems requiring low angle omnidirectional CP coverage, its characteristics adapt well to modern digital earth based links using CP omni to CP omni antennas. This antenna is designed for space, airborne, and ground applications. A single unit covers the entire designated band.



<b>SPECIFICATIONS:</b>	
Frequency	2.0-2.5 / 3.0-4.0 / 4.0-6.0 / 8.0-10 / 13-17 GHz
Gain:	2 / 6 / 9 dBic
HPBW	78 / 30 / 15°
Polarity	RHCP
Axial Ratio	< 2 dB
VSWR	< 2:1
Power	40 Watts
LOA (2 GHz)	6 / 24 / 48 in
Weight	2 / 16 / 32 Oz
Connector	SMA(f) / N(f)
Rating	Space / Airborne
Construction	GRP / Alum
Finish	Polyurethane white
Mount	4 x #8 on 1.5" cir 4 x #8 on 2.35" cir



**ELEVATION PATTERN**