



$$e = \sum_{n=0}^{\infty} \frac{1}{n!} = \lim_{n \rightarrow \infty} \left(\frac{1}{0!} + \frac{1}{1!} + \frac{1}{2!} + \dots + \frac{1}{n!} \right)$$

MIMO-4x4 RHCP/LHCP Antenna

Features:

- 4X4 MIMO Mesh Antenna
- Four RF Channels SMA inputs
- RHCP and LHCP Radio field diversity
- High Efficiency

Architecture 1/4:

- 4 alternated antennas
- Rotating RF Fields
- Field and space diversity
 - 1 RHCP
 - 1 LHCP
 - 1 RHCP
 - 1 LHCP



Performances:

- 5.4 GHz gain 12.45 dBic
- 5.6 GHz gain 14.5 dBic
- 5.8 GHz gain 13.9 dBic
- Maximum power 20 watts CW
- VSWR: < 1:1.35 @ Center freq.
- **Aperture E plane and H plane:**
 - 35° @ -3 dB
 - 55° @ -6 dB
 - 90° @ -20 dB
- **Front to Back ratio**
 - > 35 dB
- **Cross polar isolation**
 - RHCP/LHCP 15 dB

Mechanicals:

- Xtreme robustness dual enclosure
- Radio ODU mount or kit for mast mount
- Easy for repair, only one antenna on four in one housing can be replaced.
- IP-68 Water & Dust Resistant

