



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

Features:

- Specially designed for 2x2 MIMO applications
- Two RF Channel N inputs
- Dual Polarization for field diversity
- Applications
 - MESH Networks
 - Point To Multi Point applications

Performances:

- Frequency 4.9-5.9 GHz
 - Gain 4.9-5.1 GHz Vertical @ 8dBi & Horizontal @ 10dBi
 - Gain 5.1-5.9 GHz @ 10dBi
- Polarization Dual Vertical & Horizontal
- Input power, max : 10 watts CW
- VSWR: 1.7 : 1 typ./ 4.9-5.1 @ 2.5:1 max. /5.1-5.9 @ 2: 1 max.
- Aperture
 - H plane 360°
 - E plane 11° @ -3 dB
- Isolation
 - Port to port -30 dB min -20 dB
 - Cross polarization -18dB

Mechanicals:

- Dimensions 355x66 mm
- Connector 2xN-type, female 50 Ohms
- Weight 0.370 Kg
- Mounting support mast 50 mm
- IP-67 Water & Dust Resistant
- Radome Polycarbonate UV protected
- Back Plane Aluminum with chemical passivation
- Operating temperature range -55° to +65°
- Vibration conformity IEC60721-3-4
- Win load 200 km/h
- Flammability UL94
- Humidity ETS300 019-1-4, EN 302 085 (Annex A1.1)
- Salt Fog Compliant to IEC 68-2-11

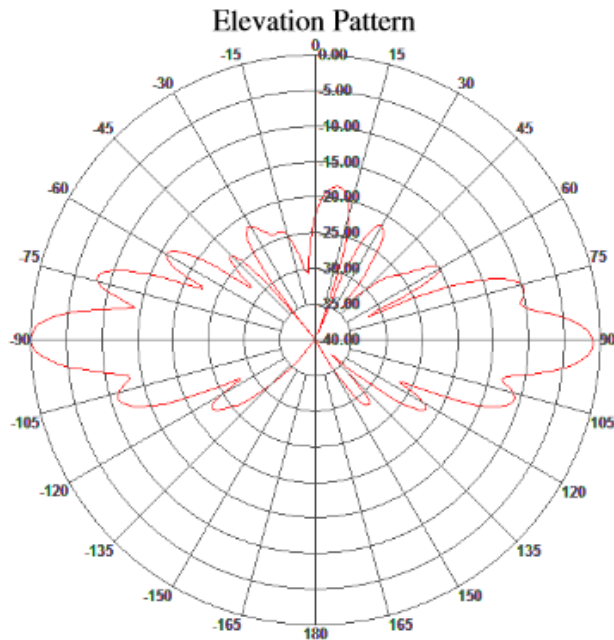
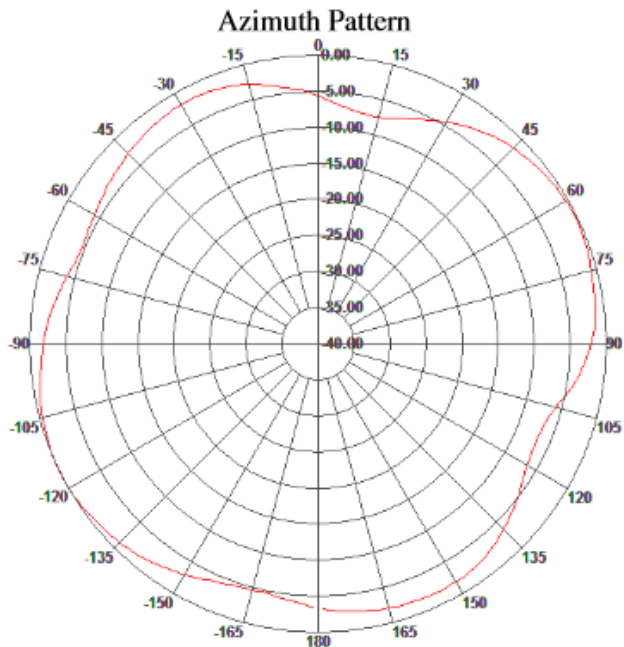


Radiations Patterns

Frequency
Gain, typ.

5500 MHz
10 dBi

Vertical Polarization



Horizontal Polarization

