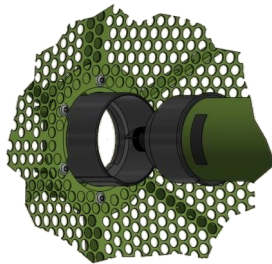


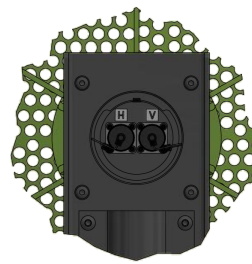


Application:

- Band 4 frequency, 4.4 –5.875 GHz
- Dual polarised +/- 90° (H & V)
- Designed for line-of-sight (LOS) and high capacity line-of-sight (HCLOS) radio relay communications.
- High gain
- Rugged high quality antenna with a durable construction
- Suitable for harsh environments.
- Standard mast mounting interface
- Removable feed for protection and easy transportation



Removable feed



Dual-Polarised



Ø40mm Socket Mount
For Ø39.5mm spigot

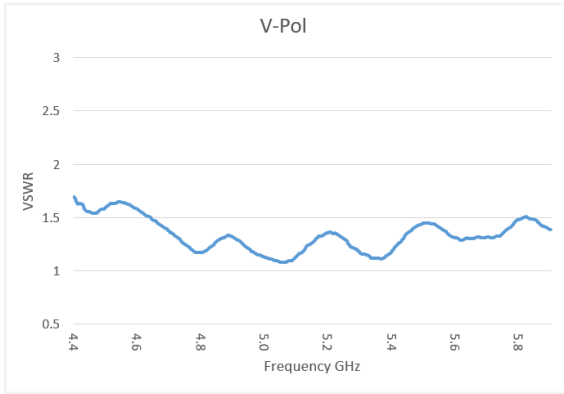
Electrical specifications:

| | |
|---------------------|--|
| Frequency range | 4.4-5.875 GHz |
| Polarisation | Horizontal and Vertical |
| VSWR | ≤ 2.1 |
| Gain | 30 dBi (average) |
| Beam width | 5.1° max @ 4.4 GHz 3.8° min @ 5.875 GHz |
| Power rating | 10 W |
| Front to back ratio | > 30 dB |
| Isolation | > 22 dB |
| Connectors | 2 x N - female |

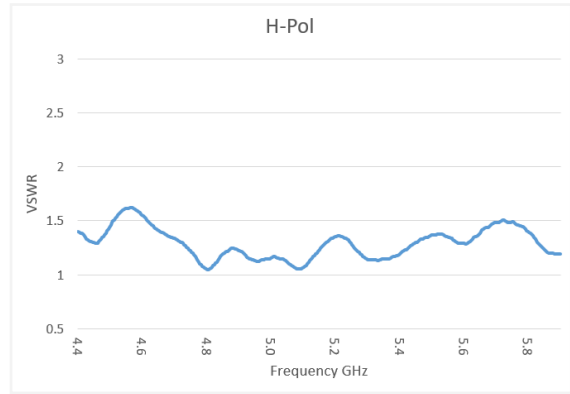
Mechanical specifications:

| | |
|-------------------|--|
| Design | Primary feed parabolic dish antenna. Dish and fixing made in aluminium. Feed in polycarbonate. |
| Diameter | Ø 0.94 m |
| Weight | 4.3 Kg |
| Wind load | 125 kg @ 200 km/h |
| Finish | Polyurethane lacquer |
| Temperature range | -55 °C, +71°C; -67 °F, +160 °F |
| Mast interface | Mast with Ø 39.5mm male spigot |

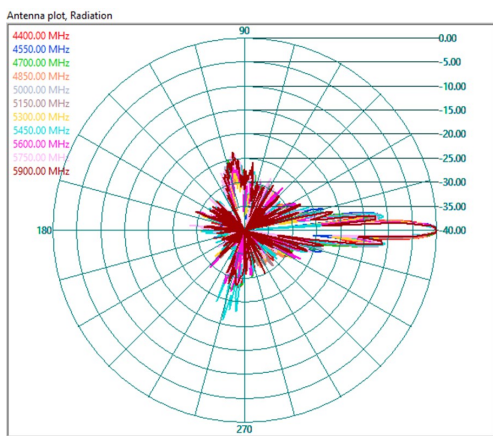
VSWR - V-Pol



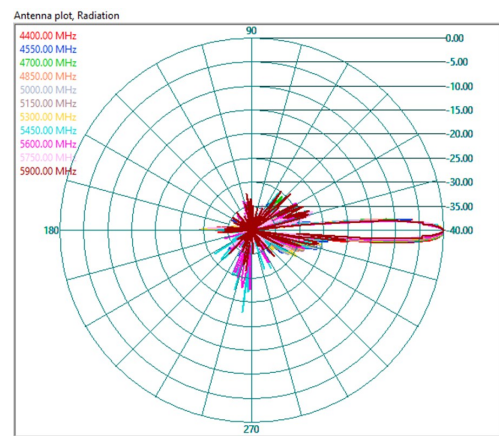
VSWR - H-Pol



Radiation Pattern - V-Pol



Radiation Pattern - H-Pol



Gain

