



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



Parabolic Reflector Antenna

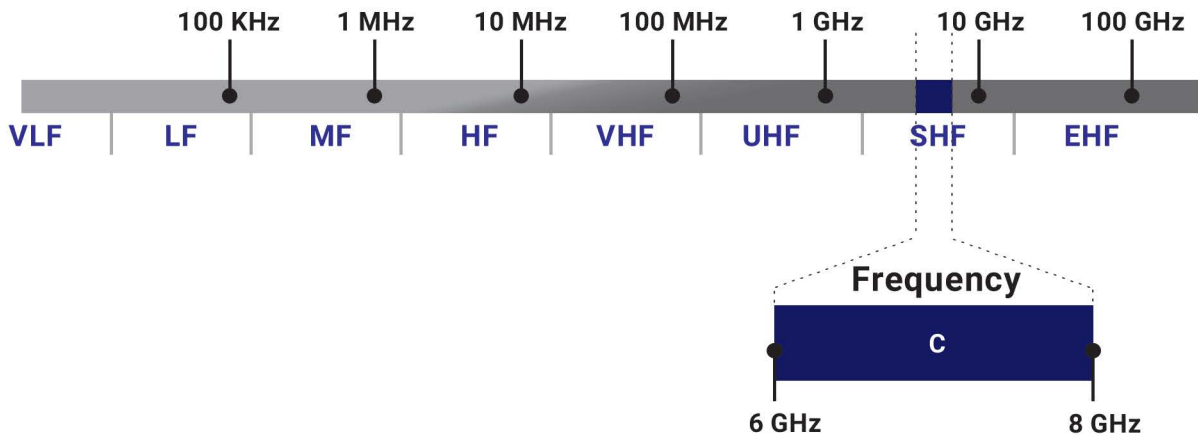
6 to 8 GHz

600mm Reflector Diameter

Part Number: **PR-600-PF-6-8-SL-NF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

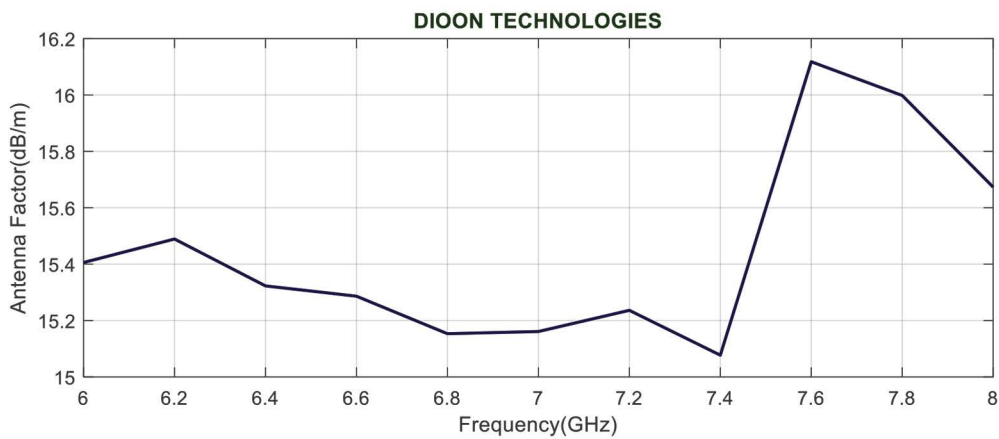
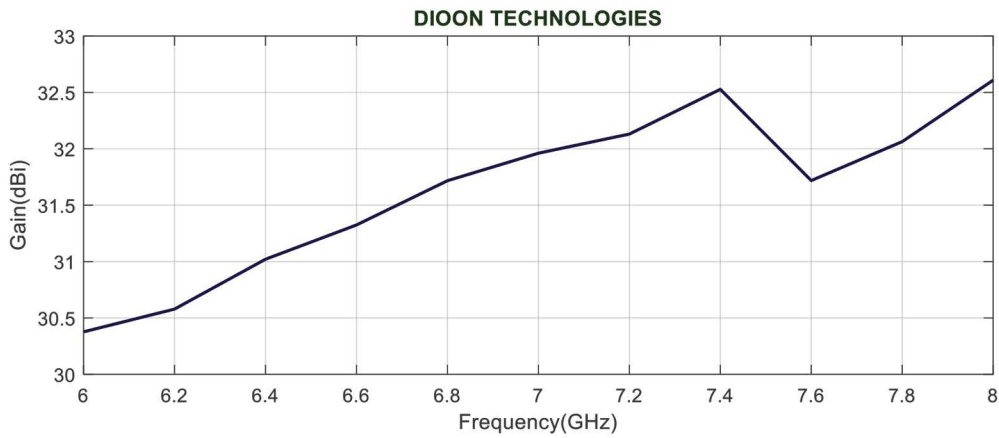


| | | |
|--|-------------------------|--|
| | Gain | Typically 30 ~ 33 dBi |
| | Power Handling | 50 Watts c. w. |
| | VSWR | Typically <2:1 |
| | Polarization | Single Linear |
| | 3dB Beamwidth | 1.4 to 2.7 degrees |
| | Connector Type | N Type Female |
| | Weight | ≈ 4.5 kg |
| | Approximate Size | ≈ Reflector diameter 630 mm maximum |
| | Construction | Aluminium with copper and brass waveguide feed and engineering plastics. Reflector is powdercoat finished. |

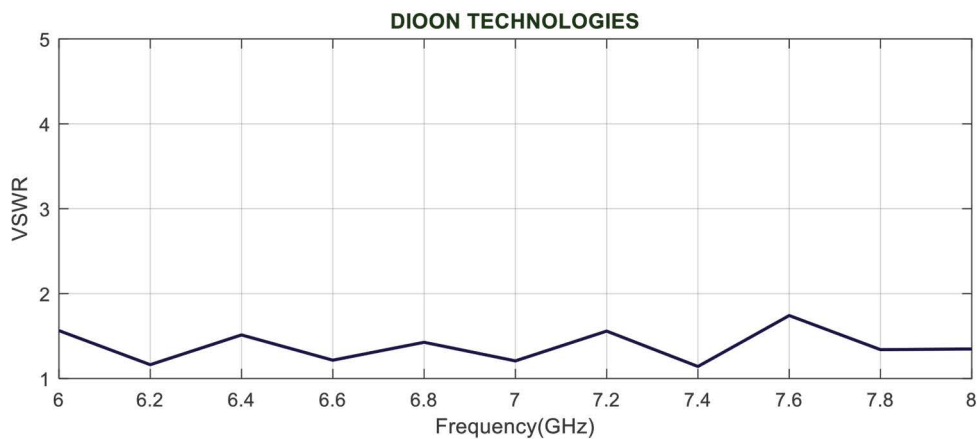
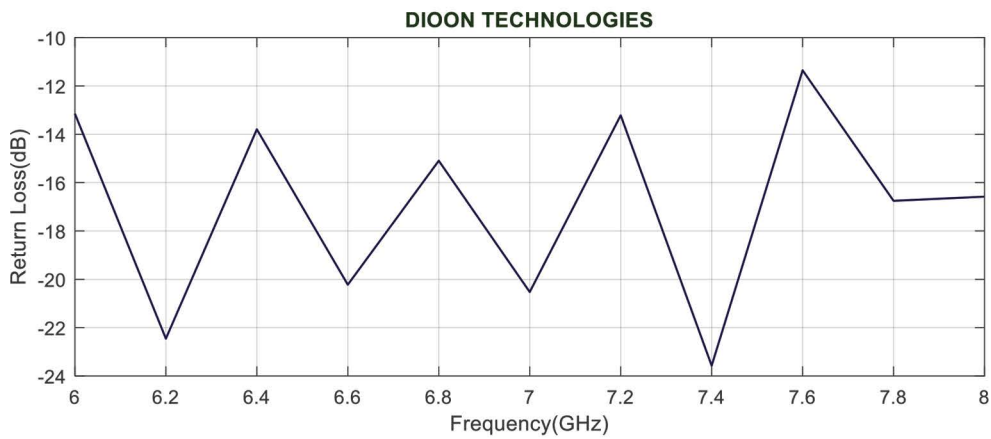


Typical Antenna Gain / Factor

This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB.

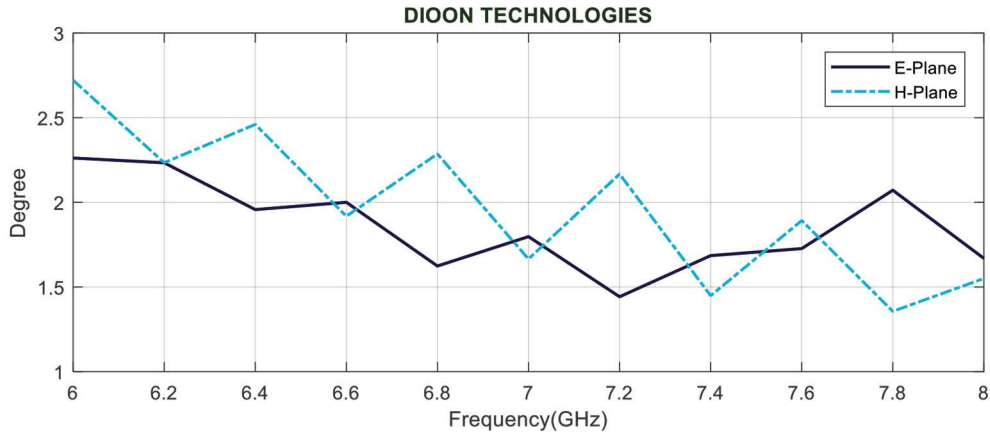


Typical Antenna Return Loss / VSWR

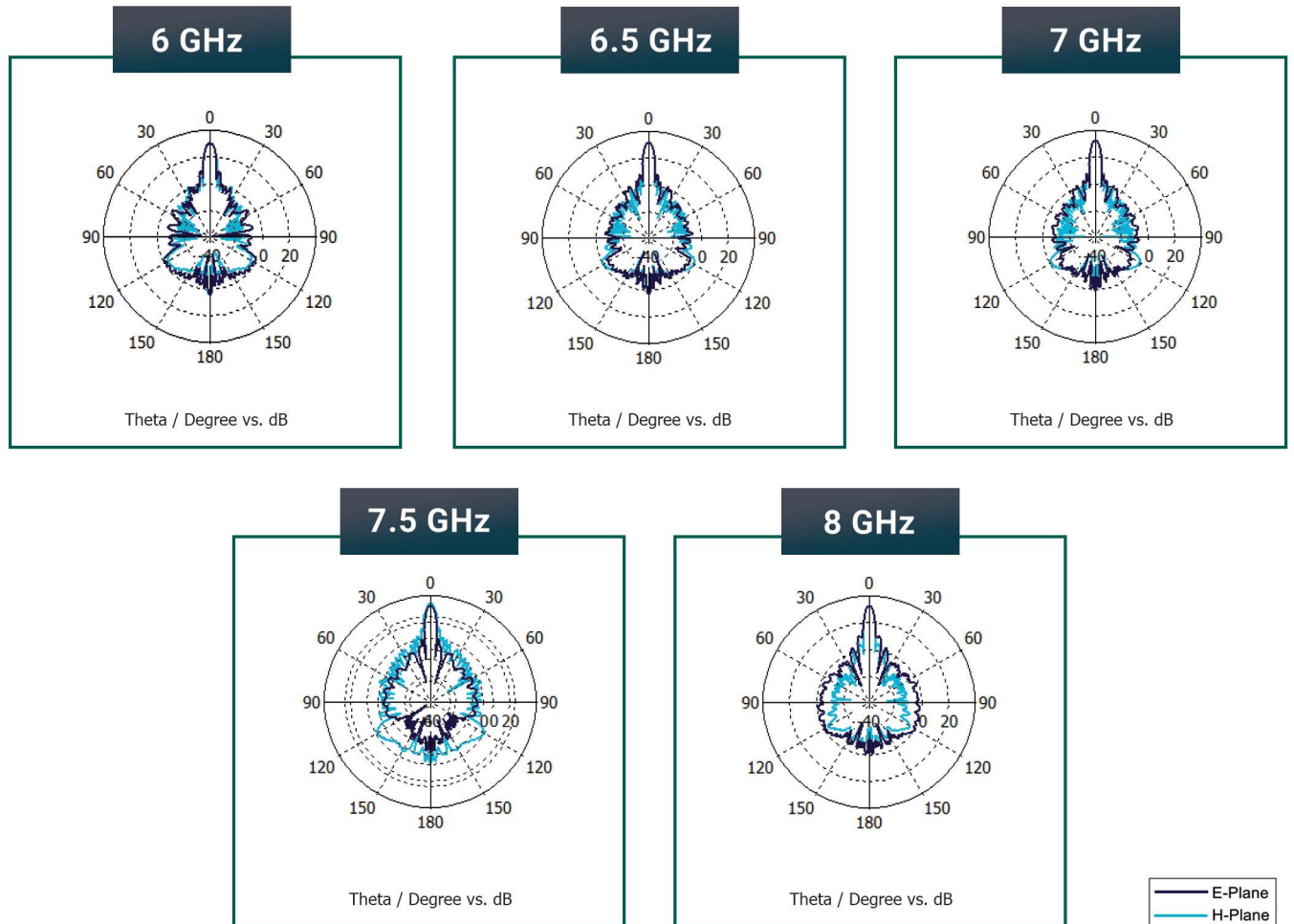




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



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