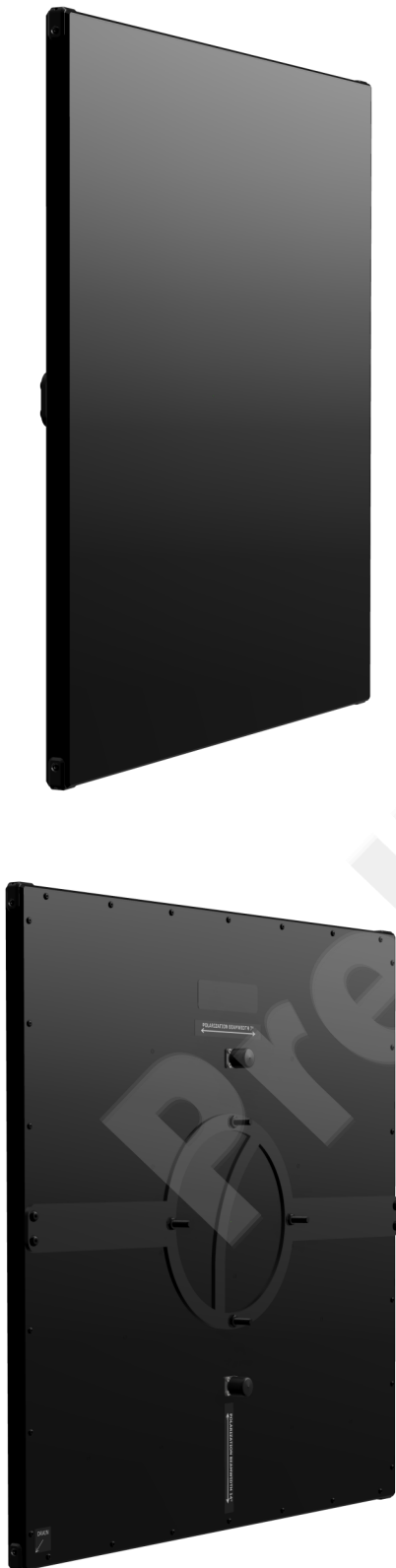




Application:

- Band 4 frequency, 4.4 –5.0 GHz
- High gain panel antenna
- Patch array design
- Dual-polarization, 0 and 90 degrees
- Rugged high quality antenna with a durable construction

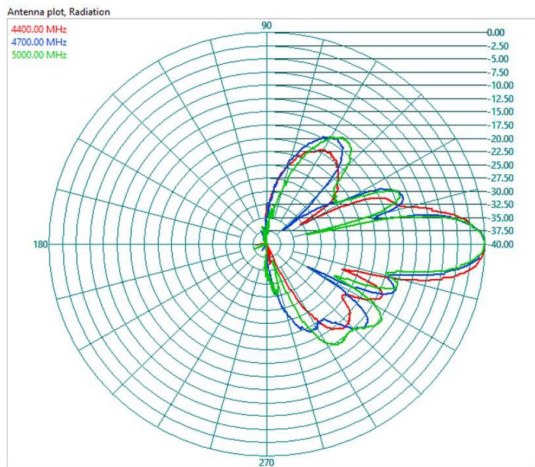
Electrical specifications:

Frequency range	4.4-5.0 GHz
VSWR	≤ 2.2:1
Impedance	50 Ohm
Polarisation	0 and 90 degrees
Power rating	25 W
Gain	23 dBi - Average
Beam width	0 degrees: 14° @ -3 dB nominal 90 degrees: 7° @ -3 dB nominal
Front to back ratio	> 35 dB
Connectors	2 x N-Female

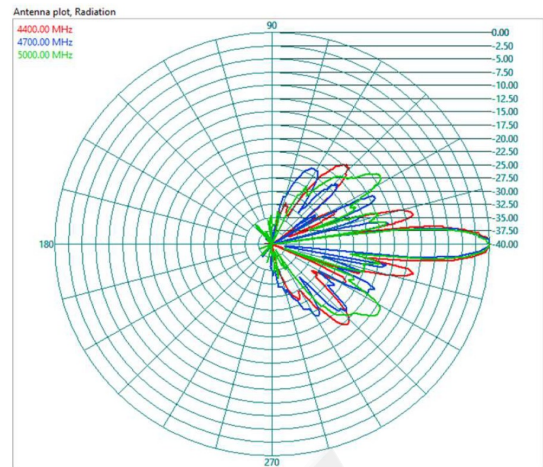
Mechanical specifications:

Design	Flat panel patch array. All metal components are treated against corrosion.
Dimensions	564 x 564 x 20 mm (22 x 22 x 0.79 in)
Weight	4 kg (8.8 lb)
Finish	Olive drab paint, other colours on request.
Ingress Protection	IP65 (with drain hole, conformally coated interior connections)
Temperature range	-55 °C, +71°C; -67 °F, +160 °F
Installation	See page 2

Radiation Patterns (typical)

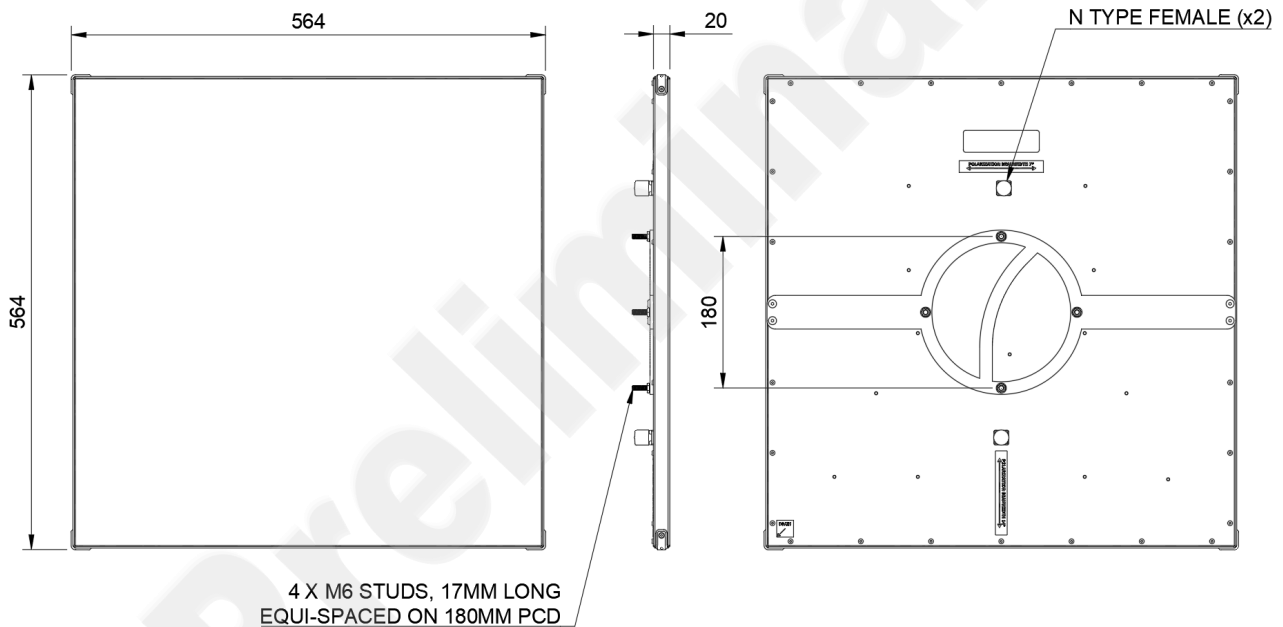


0 Degrees

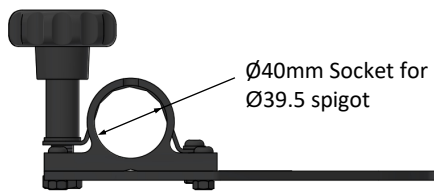
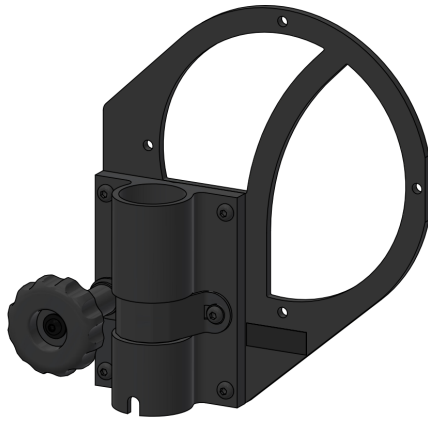


90 Degrees

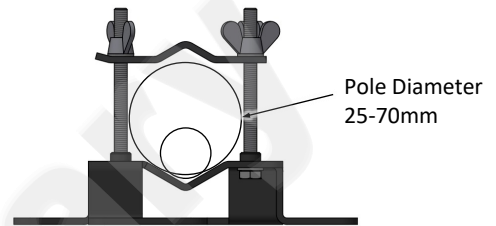
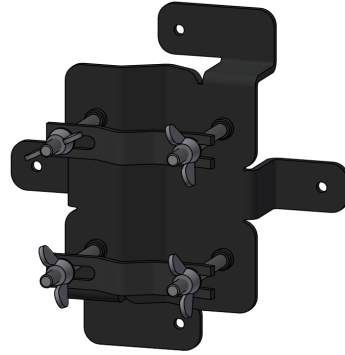
Outline Drawing



Mounting Bracket Options



Mounting Bracket
Ø40mm Socket



Pole Mounting Bracket
Ø25-70 Pole