



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

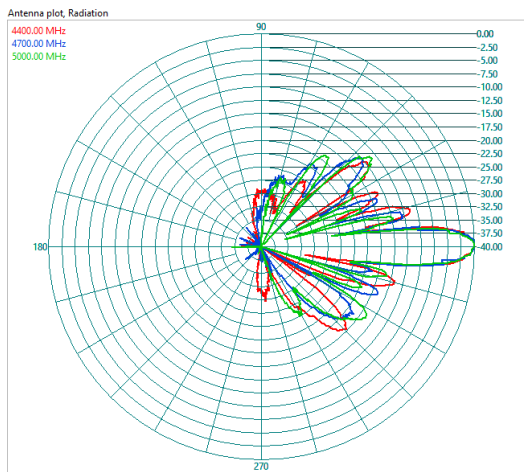
Electrical specifications

Frequency range	4.4-5.0 GHz
VSWR	≤ 2.2:1
Impedance	50 Ohm
Polarization	0 and 90 degrees
Power rating	25 W
Gain	24 dBi
Beam width	0 degrees: 8° @ -3 dB nominal 90 degrees: 8° @ -3 dB nominal
Front to back ratio	> 35 dB
Connectors	2 x N-Female

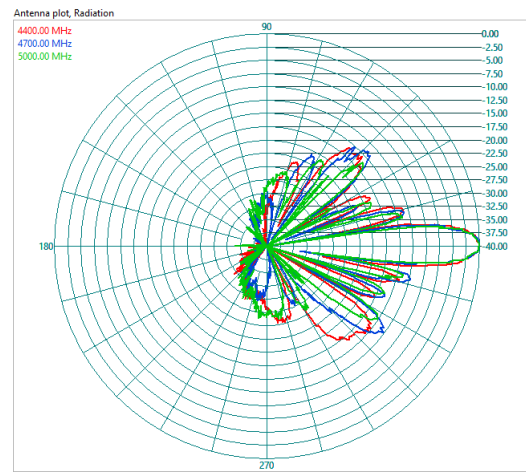
Mechanical specifications

Design	Flat panel patch array. All metal components are treated against corrosion.
Dimensions	460 x 460 x 37.5 mm (18.1 x 18.1 x 1.48 in)
Weight	2.8 kg (6.2 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

Radiation Patterns (typical)

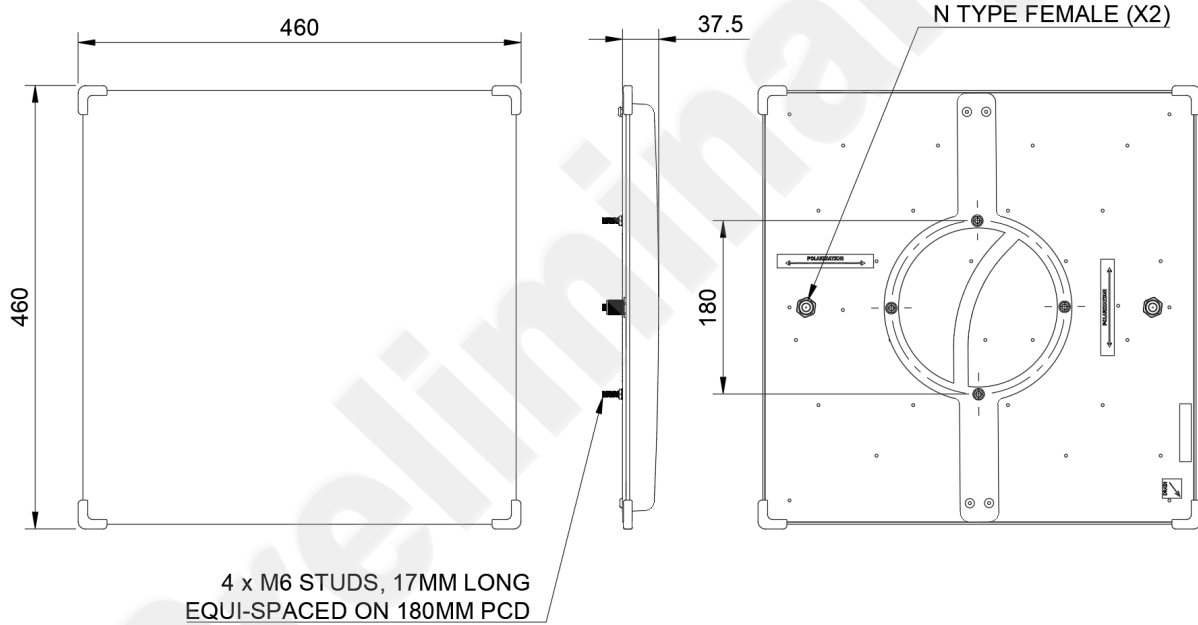


0 Degrees

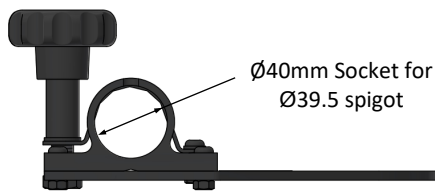
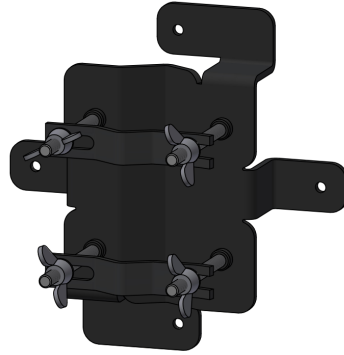
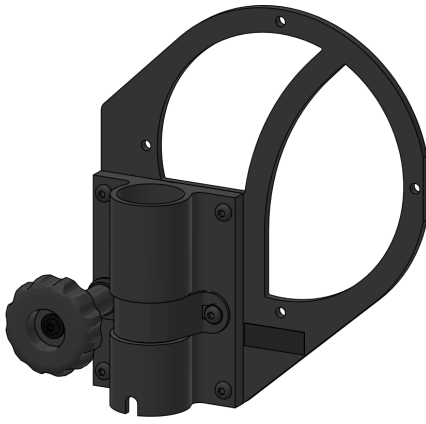


90 Degrees

Outline Drawing

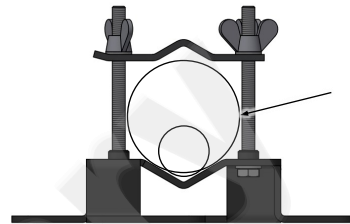


Mounting Bracket Options



Ø40mm Socket for
Ø39.5 spigot

Mounting Bracket
Ø40mm Socket



Pole Diameter
25-70mm

Pole Mounting Bracket
Ø25-70 Pole