

Prolix Drivelink Dual Band Machine Antenna NGM-2455-58-kit

The Prolix Drivelink Dual Band Machine Antenna NGM-2455-58-kit is a comprehensive solution designed for heavy machinery installations. Each solution comprises two NGM-2455-58 antennas, ensuring robust coverage in challenging environments.

An installation on a machine requires this complete solution, consisting of two NGM-2455-58 antennas. Each antenna is dual-band, supporting both 2.4GHz and 5GHz frequencies, with two RF interfaces: one for 2.4GHz and one for 5GHz. These antennas are attached to the machine using a custom-made stainless steel 304 mounting bracket, ensuring secure and reliable placement. The bracket also includes mounting positions for Rajant rugged outdoor GPS units.

This solution was specifically designed to seamlessly work with Rajant Hawk FE1 2450 and Rajant Sparrow ME 5 2450 CS models, ensuring optimal compatibility and performance.





Specifications Prolix NGM 2455-58

Model	Prolix NGM 2455-58-Kit	
Suitable for	Rajant Hawk FE1 2450 / Sparrow ME5 2450CS	
Frequency	2.4 - 2.5 Ghz	5.15 - 5.85 Ghz
Gain (dBi)	5 dBi Nominal	8 dBi Nominal
Polarisation	Vertical all elements	
Patterns	Omni - Directional with the U-Models having a 15 degree uptilt	
Azimuth 3 dB beamwidth	Omnidirectional	
Elevation 3 dB beamwidth	26 + / - 2 degrees	14 + / - 2 Degrees
Azimuth gain variation	+ / - 1 dB	+ / - 2 dB
Input Impedance	50 Ohms	
VSWR	2.0:1 Maximum 1.5:5 Typical	
Maximum Input Power	20 Watt	
RF Interface	2 x N(m) Right angle connector - Low Loss cable	
Antenna Construction	PVC Radome with machined aluminium base plate.	
Bracket	Flange mount (4 x M6 74mm Sqr)	
Dimensions	250 x 76 x 90 mm (H x D x B)	
Weight	1.2 kg	