

Triple-frequency Pinwheel Antenna with Inmarsat Interference Rejection



NovAtel (Canada) has introduced the GPS-713 Pinwheel antenna, available in two configurations: the standard GPS-713-GGG-N and the L-Band-capable GPS-713-GGGL-N. Both antennas provide enhanced Inmarsat interference rejection, allowing tracking of GNSS signals in the presence of high-powered Inmarsat transmitters typically found on marine vessels.

[The antennas](#) receive GPS L1, L2, L5; GLONASS L1, L2, L3; BeiDou B1, B2; and Galileo E1, E5a/b frequencies, optimising global satellite tracking capabilities. Customers can use either antenna for GPS-only or multi-constellation applications, providing excellent flexibility and reduced equipment costs.

The phase centre offset of these antennas remains constant as the azimuth and elevation angle of the satellites change, making it an ideal choice for baselines of any length and easy installation. The antenna shares the same form factor as other NovAtel GPS-700 series antennas, and is enclosed in a durable, waterproof housing. Its compact, lightweight size makes it suitable for a wide variety of environments and applications.

<https://www.hydro-international.com/content/news/triple-frequency-pinwheel-antenna-with-inmarsat-interference-rejection>
