



WAVEPLUS gNB



Specifications

Technical Standard	5G NR Sub-6 GHz gNB Full sector
Operating Frequency*	n77/n78: 3.3–3.6 GHz n77/n78: 3.7–4.0 GHz
Tx / Rx Paths	2T2R
Tx Power	n77/n78: 2 × 33 dBm (2 W)
Antenna	Integrated: 16.5–17.6 dBi, 57–60° AZ, dual slant ±45° or external (2 × DIN 4.3/10)
EIRP	Up to 55 dBm (SKU dependent)
Channel Bandwidth	n77/n78: 40, 80, 100 MHz
Peak Throughput	DL: 870 Mbps / UL: 80 Mbps
Backhaul	1 × 1G SFP 1 × RJ45 100/1000Base-T
Synchronisation	GPS (enhanced receiver) 8-hour holdover
Power	–48 V DC (–40.5 to –57 V) 70 W max
Dimensions	496 × 279 × 131 mm
Weight	9 kg (bracket 1 kg)
Install	Pole or wall mount (restricted-access area)
Operating Environment	Temperature: –40°C to 55°C Humidity: 5% to 95%
IP Grade	IP65

Product Overview

The Pacewave Waveplus is a compact, easy-to-deploy outdoor 5G Sub-6 GHz gNB for pole or wall installation. A full gNB in a single IP65 enclosure, it provides 2T2R operation with up to 2 × 2.5 W of transmit power across n77, n78 and n79 variants, using its integrated antenna or an external antenna. Backhaul is over 1G SFP or 1G copper.

Key Features



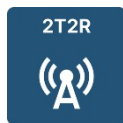
IP Grade
IP65



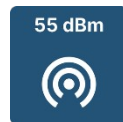
Peak Throughput
DL: 870 Mbps



Backhaul
1G SFP, RJ45



Tx / Rx
2T2R



EIRP
Max 55 dBm

About Pacewave

We help our customers design and build innovative, end to end, cost effective 4G and 5G wireless solutions and associated products