Wan7com, Inc.

Model Number Definition

A product model number is defined with five (5) sections of letters or numerical numbers, as shown in **Figure 1.** The first section **WLPA** stands for **Wan7com**'s a low noise power amplifier and **WA** for a **Wan7com**'s balance low noise amplifiers, respectively. The second section provides the frequency information. For example, **08** stands for the 800 to 1000 MHz frequency band, **19** stands for 1.8 to 2.0 GHz frequency band. The third section describes the gain information of an amplifier (not applicable to the WBA series super wide band amplifier). The fourth section indicates the output IP3 performance when two-tone **IMD** measurement method is used (not applicable to the WBA series super wide band amplifier). For instance, **55** stands for IP3 of 55dBm, etc. The last section indicates the package outline information. **A** stands for an amplifier with connectorized housing. **00** stands for an amplifier in a PCB module format. ABT stands for an connectorized amplifier with built-in bias-T for remote power supply.
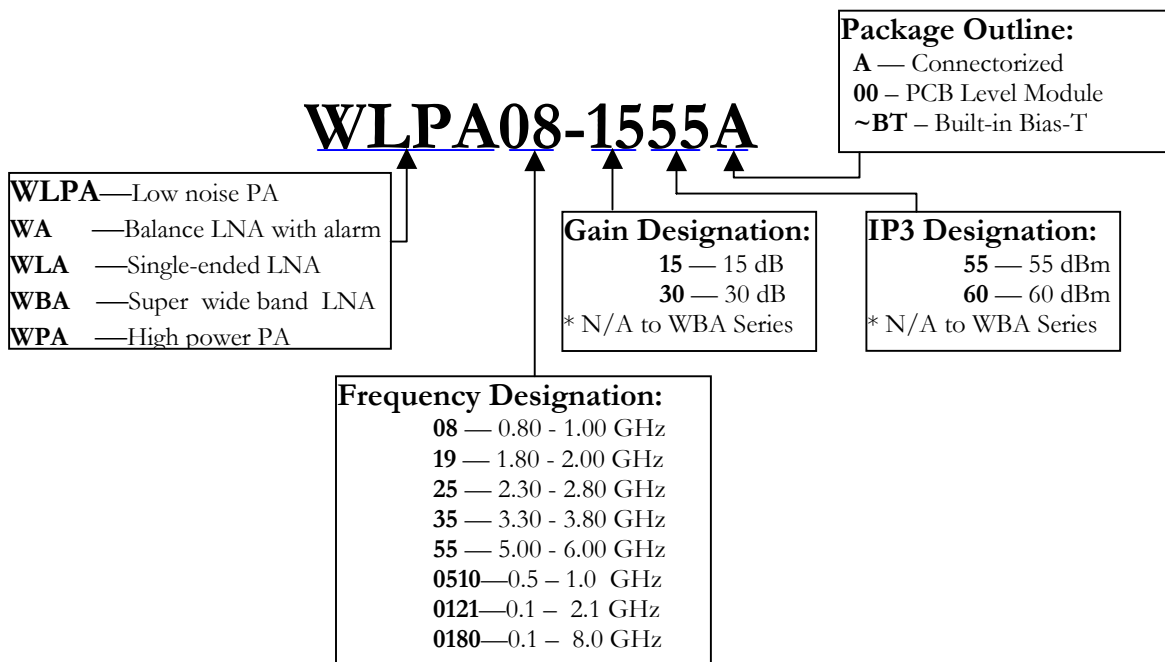
Package Outline:
A — Connectorized
00 – PCB Level Module
~BT – Built-in Bias-T

WLPA08-1555A

WLPA—Low noise PA
WA —Balance LNA with alarm
WLA —Single-ended LNA
WBA —Super wide band LNA
WPA —High power PA

Gain Designation:
15 — 15 dB
30 — 30 dB
* N/A to WBA Series

IP3 Designation:
55 — 55 dBm
60 — 60 dBm
* N/A to WBA Series

Frequency Designation:
08 — 0.80 - 1.00 GHz
19 — 1.80 - 2.00 GHz
25 — 2.30 - 2.80 GHz
35 — 3.30 - 3.80 GHz
55 — 5.00 - 6.00 GHz
0510—0.5 – 1.0 GHz
0121—0.1 – 2.1 GHz
0180—0.1 – 8.0 GHz

FIG. 1 The model number definition of **Wan7com**'s products