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**LOW NOISE PLO WITH EXT. REF.**

- **LOW OR VERY LOW PHASE NOISE VERSIONS**
- **LOW HARMONICS & SPURIOUS**
- **COMPACT SIZE**
- **SINGLE OR DUAL OUTPUTS**
- **LOW CONSUMPTION VERSION**

**Electrical characteristics:**

Frequency Range	Fixed in 50 MHz – 4.0 GHz Band	
Operating Frequency	to be specified in Band	
Output Power (Single Output)	0...+17 dBm (to be specified)	
External Reference Frequency	10 MHz (optionally 10 - 100 MHz)	
External Reference Level	0 to +10 dBm or TTL	
Harmonics	< - 25 dBc	
Spurious	< - 70 dBc	
Operating temperature range	- 30 to + 70 °C	
Examples	3101MHz (10MHz ext. ref.)	2810.88MHz (12.8MHz ext. ref.)
Output Power	+7dBm	+10dBm
Phase Noise (dBc/Hz) @ 100 Hz	< - 80	-
(dBc/Hz) @ 1 kHz	< - 105	< - 78
(dBc/Hz) @ 10 kHz	< - 110	< - 97
(dBc/Hz) @ 100 kHz	< - 115	< - 115
(dBc/Hz) @ 1 MHz	< - 130	< - 130
DC Supply	+ 12 V / 220 mA	+15V / 100mA
Features	Very low noise	Low noise, Low consumption

Specifications are subject to change without notice.

**Outline dimensions (mm):**
