

Switch to the Condor C2626 from the Lassen iQ and realize great improvement in sensitivity and acquisition time:



### Specifications: Condor C2626 versus Lassen iQ

Condor C2626	Lassen iQ
<b>TTF</b>	<b>TTF</b>
Reacquisition ..... <2 seconds	<b>Standard Mode</b> Reacquisition ..... <2 seconds
Hot Start ..... <2 seconds	Hot Start ..... <10 seconds
Warm Start..... <35 seconds	Warm Start..... <38 seconds
Cold Start..... <38 seconds	Cold Start..... <50 seconds
	<b>Enhanced sensitivity mode</b>
	Hot Start ..... <24 seconds
	Warm Start..... <88 seconds
<b>Sensitivity</b>	<b>Sensitivity</b>
Acquisition ..... -146 dBm	Acquisition: <b>Standard Mode</b> ..... 130 dBm
	<b>Enhanced Mode</b> ..... -136 dBm
Tracking ..... -160 dBm	Tracking ..... -140 dBm
<b>Power Consumption</b>	<b>Power Consumption</b>
37 mA @ 3.3 V typical	27 mA @ 3.3 V
<b>Protocols</b>	<b>Protocols</b>
NMEA only	TSIP, TAIP, NMEA
<b>Passive Antennas</b>	<b>Passive Antennas</b>
Supports passive antennas	No passive antenna support
<b>Standby Current</b>	<b>Standby Current</b>
5 uA	20 uA
<b>GPS Output rates</b>	<b>GPS Output rates</b>
1-5 Hz	1 Hz
<b>Autonomous Position</b>	<b>Autonomous Position</b>
@ 50% CEP ..... <2.5 m horizontal	@ 50% CEP ..... <5 m horizontal
@ 90% CEP ..... <5.0 m horizontal	@ 90% CEP ..... <8 m horizontal
@ 50% CEP ..... <5.0 m altitude	@ 50% CEP ..... <10 m altitude
@ 90% CEP ..... <8.0 m altitude	@ 90% CEP ..... <16 m altitude
<b>SBAS Position</b>	<b>SBAS Position</b>
@ 50% CEP ..... <2 m horizontal	No SBAS support
@ 90% CEP ..... <4 m horizontal	
@ 50% CEP ..... <3 m altitude	
@ 90% CEP ..... <5 m altitude	

### Urban Canyon Performance Comparison

The comparison snapshot below shows the superior urban canyon performance of the Condor C2626.

- Yellow: Lassen iQ
- Red: Condor C2626
- Green: GPS with Dead Reckoning technology
- Location: Downtown San Francisco, CA



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