



Cesium Product Matrix



CsIII



Cs-4000



5071A

	CsIII	Cs4000	5071A
Accuracy (standard perf./high perf.)	<1E-12 / N/A	<1E-12 / N/A	<1E-12 / <5.0E-13
Stability (10S) (standard perf./high perf.)	<8.5E-12 / N/A	<8.5E-12 / N/A	<8.5E-12 / <3.5E-12
Stability (sat flicker floor) (standard perf./high perf.)	<5E-14 / N/A	<5E-14 / N/A	<5E-14 / <1E-14
Phase noise 1 Hz offset	-95 dBc [5 MHz]	-95 dBc [5 MHz]	-106 dBc [5 MHz]
RF outputs (sine)	2 total	6 total	4 total
1 MHz	0	1	1
5 MHz	1	2	1
10 MHz	1	2	1
100 kHz	0	1	1
TTL output (10 MHz)	1	optional	N/A
1PPS output	1	3	3
Custom outputs	N/A	optional	N/A
1PPS sync input	1	2	2
Operating voltage	AC/DC	AC/DC	AC/DC
Battery backup	N/A	optional	standard
Time of day	N/A	optional	standard
Warranty electronics/tube	2 yr./12 yr.	2 yr./12 yr.	2 yr./12 yr.
Warranty electronics/high perf. tube	N/A	N/A	2 yr./5 yr.
Ethernet interface	N/A	standard	N/A
RS-232 control and monitoring	standard	standard	standard
Monitor 3 software	standard	standard	N/A
Telecom synthesizer T1/E1	optional	optional	N/A
Front panel interface	N/A	optional	standard
Portability kit	optional	N/A	N/A
Dimensions	19" x 15" x 3.5"	19" x 21" x 5.2"	19" x 21" x 5.2"
Weight	<30 lbs.	<50 lbs.	<70 lbs.
MTBF	>130,000 hours	>145,000 hours	>160,000 hours