

Ultra Stable TCXO

Telecom Basestation (5G RRH, SMALL CELL, Microwave & mm Wave) 、 Carrier Ethernet, OTN, SONET/SDH/WDM) 、 Cable Network(Remote PHY) 、 Measurements、 Other IEEE1588 equipment

Model	Dimension(mm)	Frequency	Freq. Stability	Operating Temp. Range	Aging / Year	Phase Noise(dBc/Hz)		
						@10Hz	@1KHz	@1MHz
RNT7050A	7.0 x 5.0 x 1.5	10~50MHz	± 50~100ppb	-40~+95°C	± 50ppm/日 ± 1.5ppm/10年	-103	-148	-160
			± 100~200ppb	-40~+105°C				
RNT7050AL	7.0 x 5.0 x 2.0	10~50MHz	± 50~100ppb	-40~+95°C	± 50ppm/日 ± 1.5ppm/10年	-103	-148	-160
			± 100~200ppb	-40~+105°C				
RPT7050A	7.0 x 5.0 x 1.5	1.25~52MHz	± 0.5~2.5ppm	-55~+105°C	± 1~2ppm/日 ± 3~4ppm/10年	-94	-141	-153
RPT5032A	5.0 x 3.2 x 1.75	1.25~52MHz	± 0.5~2.5ppm	-55~+105°C	± 1~2ppm/日 ± 3~4ppm/10年	-87	-137	-154
RPT7050J	7.0 x 5.0 x 1.5	10~40MHz	± 0.5~2.5ppm	-55~+105°C	± 20ppb/日 ± 3.0ppm/10年	-100	-148	-159
T75	7.0 x 5.0 x 2.2	9.6~50MHz	± 50ppb	-40~+105°C	± 1ppm/年		-145	
T53	5.0 x 3.2 x 2.0	10~40MHz	± 100ppb	-40~+105°C	± 1ppm/年		-145	
T32	3.2 x 2.5 x 0.9	9.6~50MHz	± 100ppb	-40~+85°C	± 1ppm/年		-145	
T22	2.5 x 2.0 x 0.8	9.6~50MHz	± 280ppb	-40~+85°C	± 1ppm/年		-145	
T21	2.0 x 1.6 x 0.7	9.6~50MHz	± 280ppb	-40~+85°C	± 1ppm/年		-145	
0504b	14.2 x 9.8 x 3.7	10~52MHz	± 2.5ppm	-40~+85°C	± 1ppm/年	Jitter 3psec Max.		
0648a	7.5 x 5.2 x 2	10~120MHz	± 2.5ppm	-40~+85°C	± 1ppm/年	-75	-125	-138
0637b	7.5 x 5.2 x 2	10~120MHz	± 2.5ppm	-40~+85°C	± 1ppm/年	-85	-135	-140
0719c	36.1 x 27.2 x 12.7	30~2000MHz	± 4.6ppm/20年	-40~+85°C		-80(100MHz)	-140(100MHz)	-160(100MHz)@100KHz
0710a	25.7 x 22.4 x 7.4	30~2000MHz	± 4.6ppm/20年	-40~+85°C		-80(100MHz)	-140(100MHz)	-160(100MHz)@100KHz
0701a	17.4 x 14.4 x 6	700~2000MHz	± 5ppm	-20~+70°C		-50(1.5GHz)	-115(1.5GHz)	-135(1.5GHz)
VF901723	14.2 x 13.2 x 3.2	38.4MHz	± 0.28ppm	-40~+85°C	± 3ppm/20年	-93	-150	-172
535	5.0 x 3.2 x 2.0	10~54MHz	± 0.28ppm	-40~+85°C	± 3ppm/20年	-90	-140	-140
536	5.0 x 3.2 x 2.0	10~54MHz	± 0.28ppm	-40~+85°C	± 3ppm/20年	-90	-140	-140
Please contact us if you have a specific requirement that is not on the list.								

Emergency Location Transmitter

Location Beacon、COSPAS SARSAT、Satelite Communication、Aviation、Defence、Location System

Model	Dimension(mm)	Frequency	Freq. Stability	Operating Temp. Range	Aging / Year	Phase Noise(dBc/Hz)		
						@10Hz	@1KHz	@1MHz
RFPT100	7.0 x 5.0 x 1.8	10~20MHz	± 0.2ppm	-40~+55°C	± 1ppm/年 ± 3ppm/10年	-90	-127	-147
RPT7050B	7.0 x 5.0 x 1.5	10~20MHz	± 0.2ppm	-55~+70°C	± 1ppm/年 ± 1.5ppm/10年	-75	-146	-157
RPT7050G	7.0 x 5.0 x 1.5	10~52MHz	± 0.2~0.5ppm	-55~+105°C	± 1~2ppm/日 ± 3~5ppm/10年	-127	-145	-159
RPT7050D	7.0 x 5.0 x 1.5	10~52MHz	± 0.2~0.5ppm	-55~+105°C	± 1~2ppm/年 ± 3~5ppm/10年	-127	-145	-159
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Hibrid TCXO

5G RRH、SMALL CELL、Optical Network、Microwave Communication System

Model	Dimension(mm)	Frequency	Freq. Stability	Operating Temp. Range	Aging / Year	Phase Noise(dBc/Hz)			Allan Deviation(ADEV)
						@100Hz	@10KHz	@1MHz	
RPH7050PA	7.5 x 5.5 x 3.3	10~50MHz	± 20~100ppb	-40~+105°C	± 0.3ppm/年 ± 4.6ppm/20年	-137	-158	-158	0.1s: 50x10 ⁻¹² 1.0s: 20x10 ⁻¹²
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Space TCXO

Transponder、GPS Receiver、Digital Card、Down & Up Convertor、Synthesizer、FGU

Model	Dimension(mm)	Frequency	Freq. Stability	Operating Temp. Range	Aging / Year	Phase Noise(dBc/Hz)			Allan Deviation(ADEV)
						@100Hz	@1KHz	@10KHz	
TE300	20 x 20 x 13	10~100MHz	± 0.5~1.0ppm	0~50°C	± 5ppm/15年	-105	-130	-145	1.0s: 10 ⁻⁹
			± 1.0~5.0ppm	-20~+70°C					
			± 5.0~10ppm	-40~+85°C					
TE310	25 x 25 x 13	10~100MHz	± 0.5~1.0ppm	0~50°C	± 5ppm/15年	-105	-130	-145	1.0s: 10 ⁻⁹
			± 1.0~5.0ppm	-20~+70°C					
			± 5.0~10ppm	-40~+85°C					
RTX3520S	25 x 20 x 10(15)	5.5~375MHz	± 1.0ppm	-15~+60°C	± 2ppm/年	-110	-130	-145	1.0s: 10 ⁻⁹
			± 2.0ppm	-30~+60°C					
RTX3825S	35 x 35 x 7	5.5~375MHz	± 1.0ppm	-15~+60°C	± 2ppm/年	-110	-130	-145	1.0s: 10 ⁻⁹
			± 2.0ppm	-30~+60°C					
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High Stable MCXO

Telecom Basestation (5G RRH, SMALL CELL, Microwave & mm Wave System) 、 Carrier Ethernet, OTN, SONET/SDH/WDM) 、 Cable Network (Remote PHY) 、 Measurement, Other IEEE1588 equipment

Model	Dimension(mm)	Frequency	Freq. Stability	Operating Temp. Range	Aging / Year	Phase Noise(dBc/Hz)			WAVEFORM
						@100Hz	@1KHz	@100KHz	
M936	14.0 x 9.0 x 6.5	10~77.76	± 50ppb	-40~+85°C	± 1ppm/年	-120	-138	-150	Sinewave/CMOS
M11A	20.4 x 12.7 x 7.0	10~77.76	± 280ppb	-55~+85°C	± 1ppm/年	-120	-140	-150	Sinewave/CMOS
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