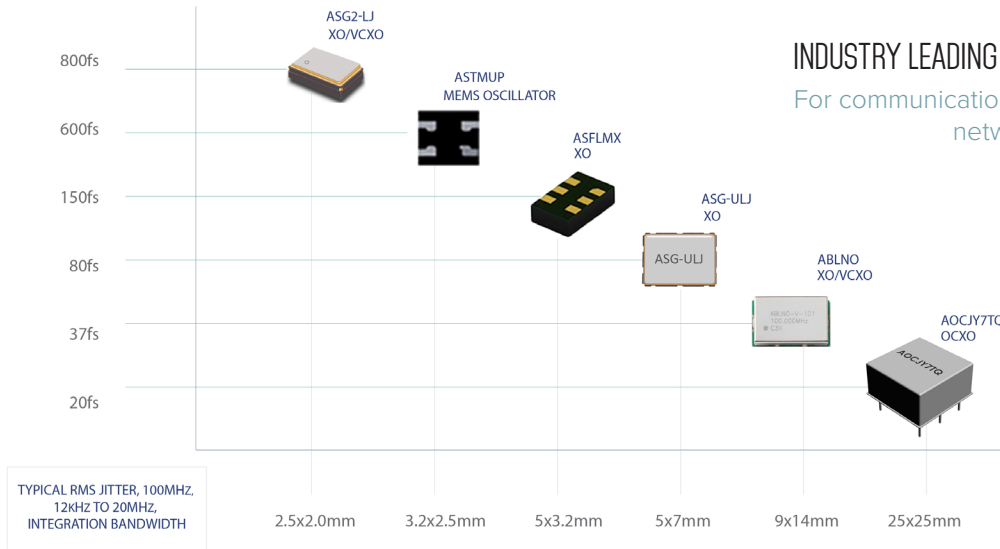


# NETWORKING & COMMUNICATIONS

Precision XOs, TCXOs, and OCXOs for networking applications.



Next generation networking and communications applications require more advanced timing than ever. Driving more bandwidth than ever before, today's communications applications require accurate synchronization that improves holdover and low phase noise and low jitter that enables a low bit error rate. Abracon's wide line of precision timing supports these applications.

## APPLICATIONS

Networking · Communications · Test and measurement · Video and imaging · OTN/SONET and optical · Servers/cloud computing · High performance computing (HPC) · Fibre Channel/storage · Basestations (BTS) · CPRI/OBSAI · LTE/4G/5G · Precision GPS · Jitter attenuators with holdover · RF & high speed data converters · FPGA and high speed SERDES



### AOCJY6 SERIES | OCXO

AOCJY6 Series holds +/-0.005ppb short term stability, +/-1ppb max aging per day

PART NUMBER	-20C TO 70C STABILITY
AOCJY6-10.000MHz-1	+/-0.1ppb MAX
AOCJY6-10.000MHz-2	+/-0.2ppb MAX
AOCJY6-10.000MHz-5	+/-0.5ppb MAX

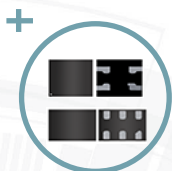


### AST3TQ / AST3TQ53 TCXO

AST3TQ/ AST3TQ53 TCXOs hold Stratum III stability across -50°C to 90°C 0.1 to 0.5ppm stability options 10 to 40MHz frequency range

5.0 x 7.0 mm  
3.2 x 5.0 mm

Applications:  
WiMAX, LTE, BTS, CATV, LAN, LMDS, GPS tracking, femtocells

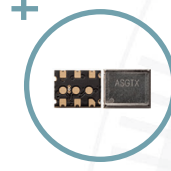


### ASTMUPXX SERIES MEMS OSCILLATOR

0.6ps RMS Jitter  
LVCMOS, LVPECL, LVDS  
3.2x2.5, 5.0x3.2, 5x7mm footprints

2.5 x 2.0 mm  
3.2 x 2.5 mm  
5.0 x 3.2 mm  
5.0 x 7.0 mm

Applications:  
FPGA, 1Gbps to 10Gbps SERDES, Industrial Computers



### ASGTX

Any frequency 1ppm TCXO/VCTCXOs up to 1.5 GHz available with 5 day lead time

Applications:  
WiMAX, LTE, BTS, CATV, LAN, LMDS, GPS tracking, femtocells