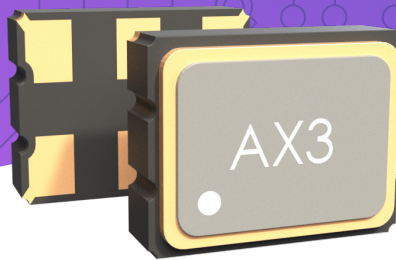


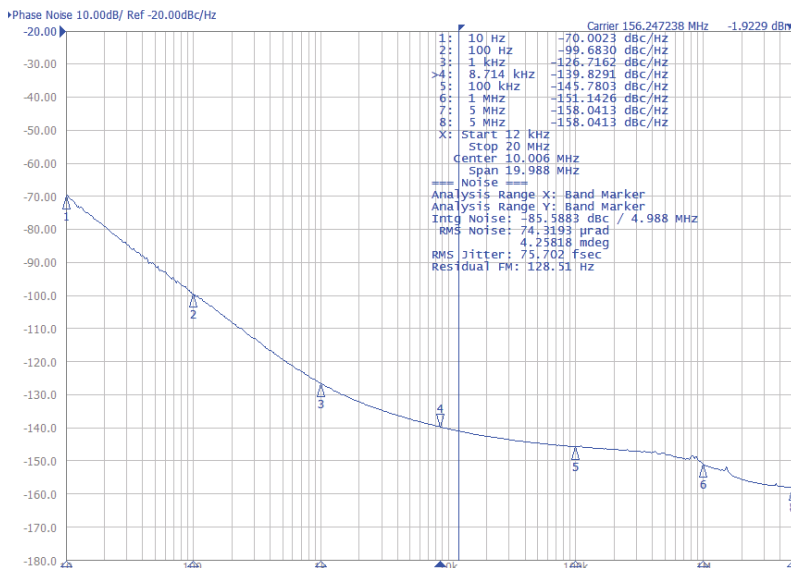
AX3 ClearClock™

**Ultra-Low <80fs Jitter Performance
Power Optimized Oscillator**



F=156.2500MHz | Vdd=3.3V | LVPECL
RMS Phase Jitter = 75 fs

FEATURES



- Exceptionally Low RMS Jitter:
 <80fs Typ (100fs Max @ 156.25MHz)
- Available in industry standard frequencies:
 100MHz to 200MHz
- Lowest power consumption in its class:
 16mA Typ LVDS @ 156.25MHz
- ±25ppm stability:
 Over -40 to +85°C
- 3.3V, 2.5V, 1.8V supply voltage options
- LVPECL, LVDS, HCSL available differential outputs
- Industry standard 3.2 x 2.5 x 1.0 mm Footprint
- Available in Abracon's Global Distributor Network



APPLICATIONS



PCI Express

Optical Modules

Networking & Communication

10G/40G/100G Optical Ethernet

Data Center

Active Cables

Test & Measurement

RF Systems, Base Stations (BTS)