




## Mercury™ IC and Small Form Factor OCXO

► APPLICATIONS: Basestation, Enterprise Networking, Network Timing and Synchronisation (IEEE1588, SyncE), Small Cell.

MODEL	IMAGE	PACKAGE	FREQUENCY RANGE	FREQUENCY STABILITY	AGING	PHASE NOISE
RFPO40		9.7 x 7.6 x 4.3 mm	10 - 40 MHz	±20, ±50 ppb (-40 to 85 °C)	±2 ppm max./1 year ±5 ppm max./10 years	For ± 12.8 MHz carrier: -143 dBc/Hz @ 1kHz -152 dBc/Hz @ 10kHz
RFPO45		9.7 x 7.6 x 4.3 mm	10 - 26 MHz	±10 ppb (-20 to 70 °C) ±20 ppb (-40 to 85 °C)	±1 ppm max./1 year ±3 ppm max./20 years	For ± 12.8MHz carrier: -143 dBc/Hz @ 1kHz -152 dBc/Hz @ 10kHz
RFPO50		14.6 x 9.7 x 6.2 mm	10 - 40 MHz	±20, ±50 ppb (-40 to 85 °C)	±2 ppm max./1 year ±5 ppm max./10 years	For ± 12.8 MHz carrier: -143 dBc/Hz @ 1kHz -152 dBc/Hz @ 10kHz
RFPO55		14.6 x 9.7 x 6.2 mm	10 - 26 MHz	±10 ppb (-20 to 70 °C) ±20 ppb (-40 to 85 °C)	±1 ppm max./1 year ±3 ppm max./20 years	For ± 12.8MHz carrier: -143 dBc/Hz @ 1kHz -152 dBc/Hz @ 10kHz
RFPO60		20.7 x 13.08 x 8.66 mm	10 - 40 MHz	±20, ±50 ppb (-40 to 85 °C)	±2 ppm max./1 year ±5 ppm max./10 years	For ± 12.8MHz carrier: -143 dBc/Hz @ 1kHz -152 dBc/Hz @ 10kHz
RFPO65		20.7 x 13.08 x 8.66 mm	10 - 26 MHz	±10 ppb (-20 to 70 °C) ±20 ppb (-40 to 85 °C)	±1 ppm max./1 year ±3 ppm max./20 years	For ± 12.8MHz carrier: -143 dBc/Hz @ 1kHz -152 dBc/Hz @ 10kHz



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