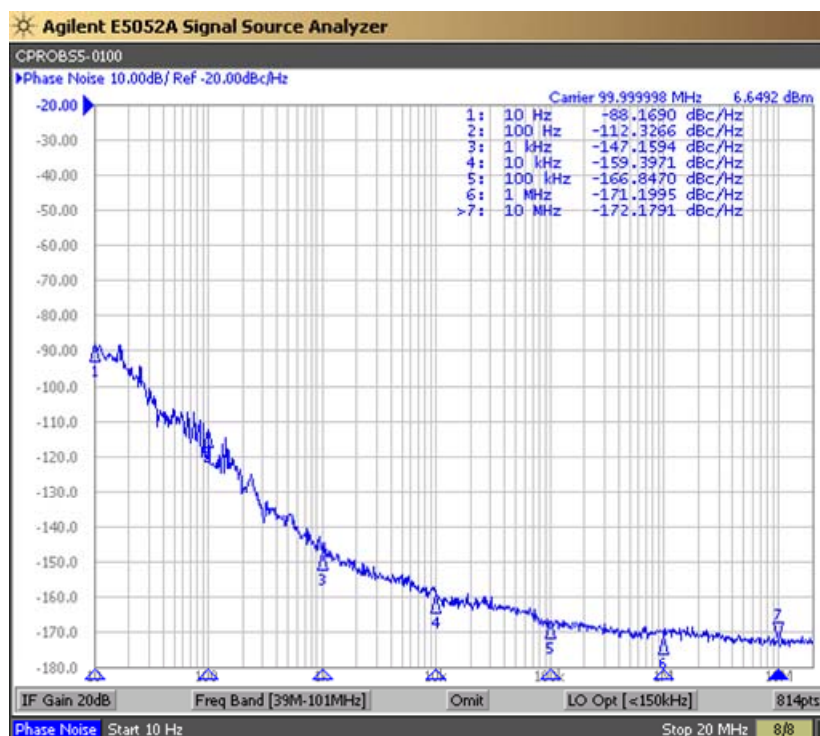


**CRYSTEK**  
MICROWAVE  
A DIVISION OF CRYSTEK CORPORATION

# BNC POCKET REFERENCE OSCILLATOR



**New BNC  
PRO Series**



Crystek has expanded its Pocket Reference Oscillator family to now include a BNC version. The larger package allows Crystek to offer its higher performance CLOCK oscillators in the BNC housing. The family will be offered from 10 MHz to 1090 MHz in single frequencies. Output waveforms include Sinewave and HCMOS. Supply voltages will be +3.3V or +5.0V.

## Product Control:

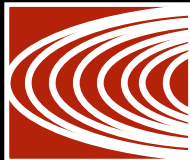
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|----------------------|--------------|---------------|-------------|
| Crystek Part Number: | CPROBS5-0100 | Release Date: | 09-Sep-2015 |
| Revision Level:      | A            | Responsible:  | C. Vales    |

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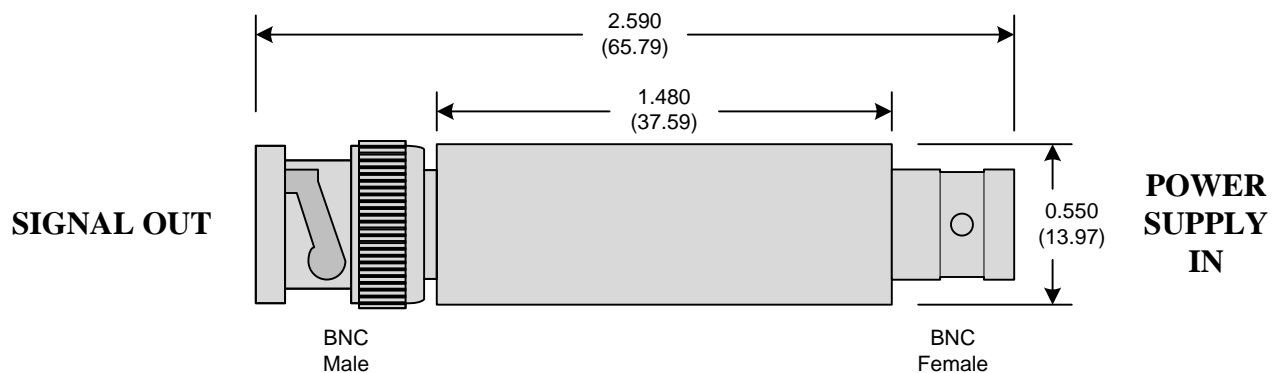
12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913  
PHONE: 239-561-3311 • 800-237-3061  
FAX: 239-561-1025 • WWW.CRYSTEK.COM



**Model CPROBS5-0100**

BNC PRO, 5V, Sinewave Clock

|                      |   |
|----------------------|---|
| Frequency:           | 100.000 MHz   |
| Frequency Stability: | ±25 ppm   |
| Temperature Range:   | 0°C to +70°C  |
| Storage Temperature: | -40°C to +85°C  |
| Input Voltage:       | 5.0V ± 0.25V  |
| Input Current:       | 30mA Max  |
| Output Power:        | True sinewave, 5 dBm Min                                |
| Second Harmonic:     | -25 dBc Max   |
| Sub-Harmonics:       | None  |
| Typical Phase Noise: | See Plot  |
| Frequency Aging:     | <3ppm 1 <sup>st</sup> year, <1ppm every year thereafter |



**Product Control:**

|                      |              |               |             |
|----------------------|--------------|---------------|-------------|
| Crystek Part Number: | CPROBS5-0100 | Release Date: | 09-Sep-2015 |
| Revision Level:      | A            | Responsible:  | C. Vales    |

Specification is subject to change without notice

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