

NR2315 O-G

10 MHz 15 Channel GNSS Locked Reference



Crystal

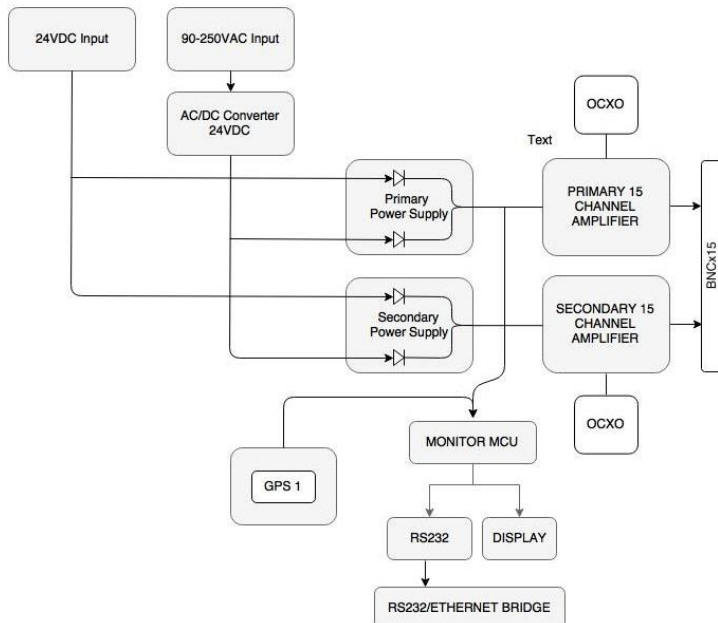
Excellent aging is achieved by using a low jitter overtone SC cut crystal in a temperature-controlled oven.

High Sensitivity GPS

26 channel high-sensitivity, high-accuracy Multi-GNSS receiver. Supports TRAIM, GPS, GLONASS, QZSS, SBAS, Active Anti-Jamming and Advanced Multipath Mitigation Functions.

Full Redundancy Option

Full amplifier redundancy with internal relays simplify system integration.



Fifteen channel reference offers GNSS locked stability. Fifteen channels meet the needs of most applications without requiring a distribution amplifier. Redundancy option available that provides all switching between amplifiers takes place internally. Continuous channel monitoring available locally or via RS232/Ethernet. Dual power source options for AC and DC power driven systems. Auto-calibration minimizes long-term drift.

Company Datasheet #	NR2315-O-G
Revision #:	A
Date:	12/19/2016

Specifications:

10 MHz Sine	1.0 \pm 0.1 Vrms, 15 channel, 50 Ohm - BNC
Locked Accuracy	<3E-11 @ 200 seconds
Temp Stability	\pm 10 ppb unlocked
Daily Aging	\pm 5 ppb unlocked
Yearly Aging	\pm 50 ppb (unlocked) typically < \pm 10 ppb after 30 days auto-calibration
Receiver Sensitivity	-155dBm
PPS	20ns RMS accuracy, 3.3 volt logic (available in 9 channel version)
NMEA -0183	RS232 port
Power Input	90 to 250 VAC, 50/60hz, IEC 320-C14 or 24 VDC (contact factory for options)
Redundancy option	Complete dual amplifier assembly
RS232 Serial Status Port	Status-channel voltages
Ethernet Port	RJ45-option

Environmental and Mechanical

Operating Temperature	0 to 50C non-condensing
Storage Temperature	-40 to 70C
Height	1RU (~1.73)
Width	19.0 inch
Depth	13.0 inch
AC input	90 to 250 VAC, 50/60Hz, less than 10 watts
Weight	\approx 5.5lbs

This document is copyright © December 19, 2016 Novus Power Products LLC. All rights reserved. This document is provided for information purposes only; contents are subject to change without notice. It is not warranted to be error-free, nor subject to any other warranties or conditions including implied warranties and conditions of merchantability or fitness for a particular purpose.