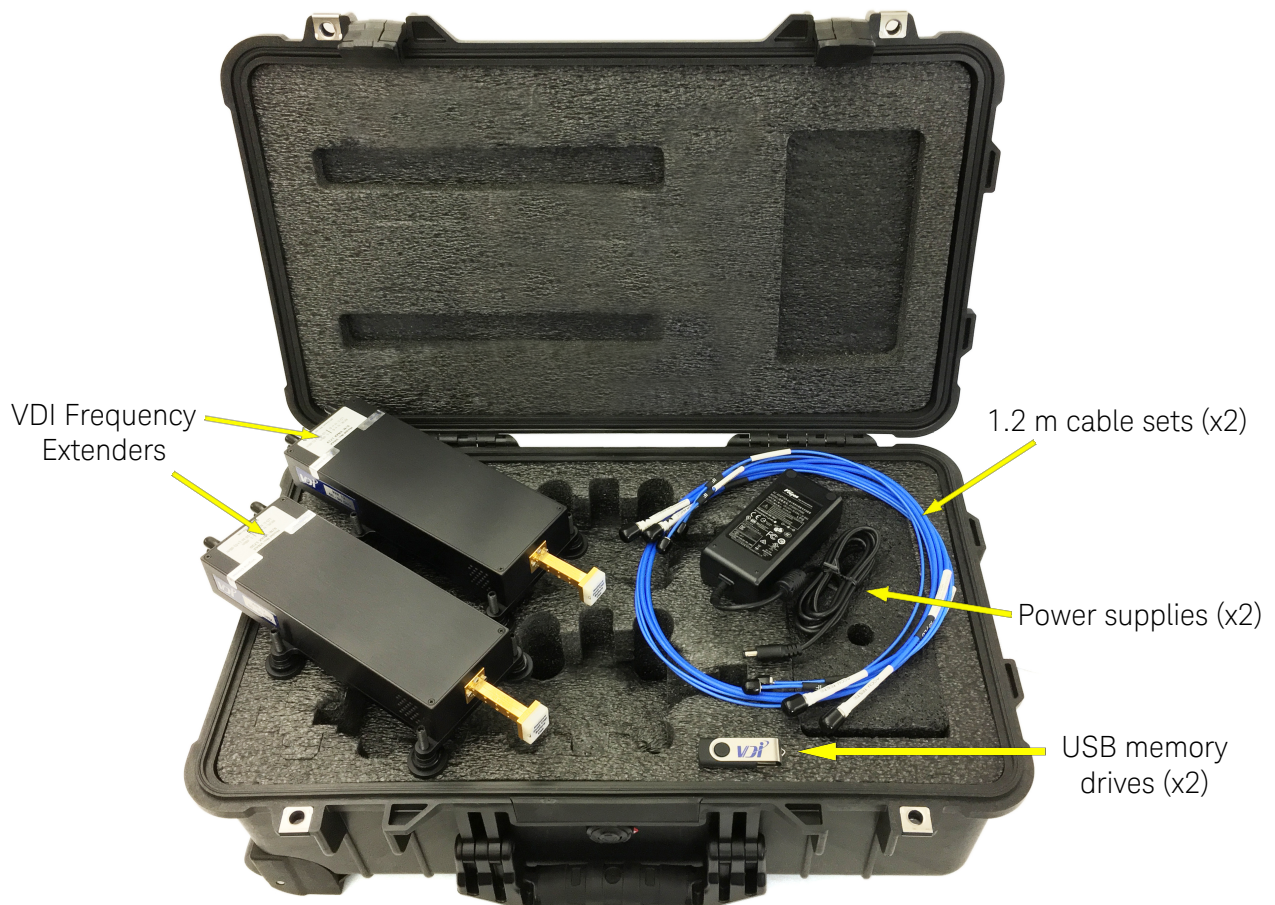# Keysight Technologies
N5252AWxx VNAX Extenders
Quick Start Guide

The Keysight N5252AW06, W10, W12, and W15 are VNAX-P network analyzer frequency extenders from Virginia Diodes, Inc. (VDI). These extenders are like the N5262BWxx series Mini VNAX, but with built in diplexer and LO input/output to enable configuration with M937xA/M98xx PXIe or P937xA/P50xx Streamline Vector Network Analyzers for a banded mm-wave network analyzer solution.

Refer to the VDI web page at https://www.vadiodes.com/en/products-6/vector-network-analyzer-extension-modules for specification tables, product manuals and mechanical drawings.

To configure your mm-wave extender for a Vector Network Analyzer System, refer to the N5252A User's Guide at https://www.keysight.com/us/en/assets/9018-04772/user-manuals/9018-04772.pdf?success=true

Figure 1   N5252AW12 System in Pelican Case

VDI Frequency Extenders

1.2 m cable sets (x2)

Power supplies (x2)

USB memory drives (x2)

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Table 1   Option 201 Contents

Part Number	Description
N5252-80006[1]	Pair of N5252AW06 TxRx VNAX modules, with 1.2 m cable sets (2 sets of 3), power supplies (2), and USB drives (2), in a Pelican case. 110-170 GHz.
N5252-80002[1]	Pair of N5252AW12 TxRx VNAX modules, with 1.2 m cable sets (2 sets of 3), power supplies (2), and USB drives (2), in a Pelican case. 60-90 GHz.
N5252-80003[1]	Pair of N5252AW10 TxRx VNAX modules, with 1.2 m cable sets (2 sets of 3), power supplies (2), and USB drives (2), in a Pelican case. 75-110 GHz.
N5252-80004[1]	Pair of N5252AW15 TxRx VNAX modules, with 1.2 m cable sets (2 sets of 3), power supplies (2), and USB drives (2), in a Pelican case. 50-75 GHz.
N5252-80007[1]	N5252AW10 Option SE2, special pair of export modules with 1.2 m cable sets, 75-110 GHz, power level 0dBm.

1. Refer to the product ordered (N5252AW06, N5252AW10, N5252AW12, or N5252AW15)

NOTE
The N5252AWxx product serial number on the Pelican case is the OEM serial number (VNAX xxxx) of the first extender of the pair. Refer to this serial number for service on any item in the Pelican case.

The serial number of the second extender is one greater (VNAX xxxx+1)

Contacting Keysight Sales and Service Offices

Assistance with test and measurement needs, and information on finding a local Keysight office, are available on the Internet at:
http://www.keysight.com/find/assist

You can also purchase accessories or documentation items on the Internet at:
http://www.keysight.com/find

If you do not have access to the Internet, contact your field engineer.

NOTE
If the extenders need to be returned, please return them in the Pelican case. In any correspondence or telephone conversation, refer to the product by its model number and full serial number (See note above). With this information, the Keysight representative can determine whether your unit is still within its warranty period.

N5252-90003