

Keysight N755xA Series Electronic Calibration (ECal) Module



Key Features

Features	Descriptions
Frequency	DC to 4 / 6.5 / 9 / 14 / 18 / 26.5 GHz
Number of port	2-port, 50 Ω
Connector type	3.5 mm (up to 26.5 GHz) / Type-N (up to 18 GHz)
Connector mix	female -female, male-female, male-male (for in-family connector type)
Dimension (H x W x D)	77 x 29 x 27 mm
Supported vector network analyzers	Keysight ENA, PNA, PXI VNA, FieldFox

Offers Convenience of an ECal at a Lower Price Point

The Keysight N755xA series is an exciting value-line electronic calibration (ECal) module that makes calibration of vector network analyzers fast, easy, and accurate. Cut your calibration down to half the time it normally takes using a traditional mechanical cal kit.

- Provides the performance of economy mechanical calibration kits down to DC
- Calibrate faster, simply connect it to your instrument and the firmware does the rest
- Reduce the chance of operator error, for greater confidence in your calibrations
- No warm-up time is required; You can start calibration instantly



Configuration

Model	Description
Electronic Calibration (ECal) Module	
N7550A	Economy ECal module, DC to 4 GHz, Type-N or 3.5 mm, 2-port
N7551A	Economy ECal module, DC to 6.5 GHz, Type-N or 3.5 mm, 2-port
N7552A	Economy ECal module, DC to 9 GHz, Type-N or 3.5 mm, 2-port
N7553A	Economy ECal module, DC to 14 GHz, Type-N or 3.5 mm, 2-port
N7554A	Economy ECal module, DC to 18 GHz, Type-N or 3.5 mm, 2-port
N7555A	Economy ECal module, DC to 26.5 GHz, 3.5 mm, 2-port
Connector options¹	
Option 3FF	Both 3.5 mm connectors are female on module
Option 3MF	1 female and 1 male connector on module, both 3.5 mm
Option 3MM	Both 3.5 mm connectors are male on module
Option NFF	Both Type-N, 50 Ω connectors are female on module
Option NMF	1 female and 1 male connector on module, both Type-N, 50 Ω
Option NMM	Both Type-N, 50 Ω connectors are male on module
Other options	
Option 150	Plastic storage box
N7550X-151	3.5 or 2.92 mm torque wrench
N7550X-152	Type-N torque wrench

1. Must choose one of connector options

Supported Analyzers

Model	Description
ENA Series Vector Network Analyzer	
E5063A	Must have firmware revision A.03.72 or above
E5061B	Must have firmware revision A.04.86 or above
E5071C	Must have firmware revision B.13.29 or above
E5072A	Must have firmware revision B.02.39 or above
E5080A	Must have firmware revision A.12.55.05 or above
PNA Series Vector Network Analyzer	
PNA-L, PNA, PNA-X	Must have firmware revision A.10.49.07 or above
PXI Vector Network Analyzers	
M937xA, M9485A	Must have firmware revision A.03.10 or above
FieldFox Handheld RF and Microwave Analyzers	
N9923, N991x/2x/5x	Must have firmware revision A.09.57 or above

For additional information, please go to:

www.keysight.com/find/ecal

Electronic Calibration (ECal) Modules for Vector Network Analyzers

