



# Agilent N5183A MXG Microwave Signal Generator

## Configuration Guide



This guide is designed to assist in the ordering process for the MXG microwave signal generator.

# Agilent MXG microwave signal generator options

## Step 1. Choose one frequency option (mandatory)

Order item	Description	Requires	Not compatible	Upgrade
N5183A-520	Frequency range from 100 kHz to 20 GHz	UNC or 1ED	532/540	No
N5183A-532	Frequency range from 100 kHz to 31.8 GHz	UND	520/540	No
N5183A-540	Frequency range from 100 kHz to 40 GHz	UND	520/532	No

## Step 2. Choose connector (mandatory)

Ordered item	Description	Requires	Not compatible	Upgrade
N5183A-1ED	Type-N (f) RF output connector		532/540	No
N5183A-UNC	Standard connector, 3.5 mm (f)		UND 532/540	No
N5183A-UND	Standard connector, 2.4 mm (f)		UNC 520	No

## Step 3. Choose performance enhancement options

Ordered item	Description	Requires	Not compatible	Upgrade
N5183A-006	Instrument security			Yes
N5183A-1E1	Step attenuator			Yes
N5183A-1EA	High output power			Yes
N5183A-UNT	AM, FM, phase modulation			Yes
N5183A-UNU	Pulse modulation		UNW	Yes
N5183A-UNW	Narrow pulse modulation		UNU	No
N5183A-UNZ	Fast frequency switching speed			No Yes

## Step 4. Choose input/output options

Ordered item	Description	Requires	Not compatible	Upgrade
N5183A-1EM	Move RF output to rear panel			No
N5183A-1ER	Flexible reference input (1-50 MHz)			Yes

## Step 5. Choose accessories and documentation options

Ordered item	Description	Requires	Not compatible	Upgrade
N5183A-1CM	Rack mount kit		1CN, 1CP, 1CR	Order as standalone
N5183A-1CN	Front handle kit		1CM, 1CP	Order as standalone
N5183A-1CP	Rack mount and front handle kit		1CM, 1CN, 1CR	Order as standalone
N5183A-1CR	Rack slide kit		1CM, 1CP	Order as standalone
N5183A-AXT	Hard transit case			Order as standalone
N5183A-0BW	Service documentation, assembly level			Order as standalone
N5183A-ABA	Printed copy of the English documentation set			Order as standalone
N5183A-CD1	CD-ROM containing the English documentation set includes user's guide, installation guide, programming guide, service guide, SCPI command reference, error messages, programming examples, and data sheets			Order as standalone
N5183A-802	Customer service kit N5183A-520 front panel 3.5 mm and type-N RF connector		532, 540	Yes
N5183A-803	Customer service kit N5183A-520 rear panel 3.5 mm RF connector		532, 540	Yes
N5183A-804	Customer service kit N5183A-520 rear panel type-N RF connector		532, 540	Yes
N5183A-805	Customer service kit N5183A-532/540 front panel RF connector		520	Yes
N5183A-806	Customer service kit N5183A-532/540 rear panel RF connector		520	Yes

## Step 6. Choose warranty and calibration options

Ordered item	Option	Description	Additional info
R1280A	R-51B-001-3C	1 year Return-to-Agilent warranty extended to 3 years	
R1280A	R-51B-001-5C	1 year Return-to-Agilent warranty extended to 5 years	
R1282A	R-50C-011-3	Return to Agilent Calibration Upfront Support Plan 3 year coverage	
R1282A	R-50C-016-3	Return to Agilent 17025 Calibration Upfront Support Plan	Must also order R1295A for service center installation.
R1282A	R-50C-021-3	Return to Agilent Z540 Calibration Upfront Support Plan 3 year coverage	Must also order R1295A for service center installation.
N5183A	UK6	Commercial calibration certificate with test data	

## Step 7. Choose start up assistance service options

Ordered item	Option	Description
R1380A	PS S10	Remote scheduled assistance 1 to 999 hours
R1380A	PS S20	Daily productivity assistance
R1380A	PS T10-ASG	Signal generator and source basics; .05 day Max. 8 students on site
R1380A	PS-X10	Custom services to be qualified by Agilent

Standard product includes installation guide, electronic documentation set (CD-ROM), and country specific power cord.

## Upgradeable options for the N5183A MXG microwave signal generator

Ordered item	Description
N5183AK-006	Instrument security
N5183AK-1E1	Step attenuator
N5183AK-1EA	High output power
N5183AK-1ER	Flexible reference input (1-50 MHz)
N5183AK-UNT	AM, FM phase modulation
N5183AK-UNU	Pulse modulation
N5183AK-UNZ	Fast frequency switching speed
N5183A-1CM	Rack mount kit
N5183A-1CN	Front handle kit
N5183A-1CP	Rack mount and front handle kit
N5183A-1CR	Rack slide kit
N5183A-CD1	CD-ROM containing the English documentation set
N5183A-ABA	Printed copy of the English documentation set
N5183A-0BW	Service documentation, assembly level
N5183A-AXT	Hard transit case
N5183AK-802	Customer service kit N5183A-520 front panel 3.5 mm and type-N RF connector
N5183AK-803	Customer service kit N5183A-520 rear panel 3.5 mm RF connector
N5183AK-804	Customer service kit N5183A-520 rear panel type-N RF connector
N5183AK-805	Customer service kit N5183A-532/540 front panel RF connector
N5183AK-806	Customer service kit N5183A-532/540 rear panel RF connector

Upgradeable options can be installed after the initial purchase of the signal generator.

## List of available options for the N5183A

520	Frequency range from 100 kHz to 20 GHz
532	Frequency range from 100 kHz to 32 GHz
540	Frequency range from 100 kHz to 40 GHz
1EM	Move RF output to rear panel
UK6	Commercial calibration certificate with test data
1ED	Type-N (f) RF output connector
UNC	Standard connector, 3.5 mm (f)
UND	Standard connector, 2.4 mm (f)
006	Instrument security
1E1	Step attenuator
1EA	High output power
1ER	Flexible reference input (1-50 MHz)
UNT	AM, FM, phase modulation
UNU	Pulse modulation
UNW	Narrow pulse modulation
UNZ	Fast frequency switching speed
0BW	Service documentation, assembly level
ABA	Printed copy of the English documentation set
CD1	CD-ROM containing the English documentation set
1CM	Rack mount kit
1CN	Front handle kit
1CP	Rack mount and front handle kit
1CR	Rack slide kit
AXT	Hard transit case
802	Customer service kit N5183A-520 front panel 3.5 mm and type-N RF connector
803	Customer service kit N5183A-520 rear panel 3.5 mm RF connector
804	Customer service kit N5183A-520 rear panel type-N RF connector
805	Customer service kit N5183A-532/540 front panel RF connector
806	Customer service kit N5183A-532/540 rear panel RF connector

## Related Agilent Literature

Agilent N5183A MXG Microwave Analog Signal Generator, Data Sheet - Literature number 5989-7572EN

Agilent N5183A MXG Microwave Analog Signal Generator, Photo Card - Literature number 5989-7690EN

## Web Resources

For additional product information, visit the Agilent MXG web page:  
[www.agilent.com/find/N5183A](http://www.agilent.com/find/N5183A)

For information about renting, leasing or financing test equipment from Agilent, visit:  
[www.agilent.com/find/buyalternatives](http://www.agilent.com/find/buyalternatives)



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[www.lxistandard.org](http://www.lxistandard.org)  
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