

Agilent N9311X RF and Microwave Accessory Kit for Low-cost Handheld and Benchtop Solutions

N9311X RF and Microwave Accessory Kit complements Agilent's low-cost handheld and benchtop solutions (N934xC/N9340B/N9330B/N9310A/N9320B/N9000A). These accessories provide you with a complete solution for your measurement needs.



N9311X-500



N9311X-501



N9311X-504

Antenna

Antenna	Frequency range	Antenna gain	Weight	Dimension	Other information
N9311x-500	70 to 1000 MHz	N/A	65 g	113.5 cm (full length), 19.5 cm (retracted), 10 stages	180 degrees tilt angle adjustable telescopic whip antenna, shipped with type N(m) to type BNC(f) adapter
N9311x-501	700 to 2500 MHz	N/A	70 g	210 x 20 mm	Omni-directional, shipped with type N(m) to type SMA(f) adapter
N9311x-504*	700 MHz-4 GHz	4 dBi	270 g	340 x 200 x 25 mm	Logarithmic-periodic
N9311x-508*	680 MHz-8 GHz	5 dBi	250 g	340 x 200 x 25 mm	Logarithmic-periodic
N9311x-518*	680 MHz-18 GHz	5 dBi	250 g	340 x 200 x 25 mm	Logarithmic-periodic

*N9311x-504/508/518 shipping package includes: Antenna, aluminum design carrycase, detachable pistol grip with "miniature tripod" mode, and type N to type SMA toolset

Bandpass Filter



N9311X-551

Bandpass filter	3 dB Passband	Rejection	Insertion loss	VSWR
N9311X-550	814 to 850 MHz	≥36 dBc @ 740 MHz ≥36 dBc @ 915 MHz	≤0.5 dB	≤1.5
N9311X-551	880 to 915 MHz	≥35 dBc @ 862 MHz ≥35 dBc @ 932 MHz	≤1 dB	≤1.5
N9311X-552	1707.5 to 1787.5 MHz	≥35 dBc @ 1550 MHz ≥35 dBc @ 1925 MHz	≤0.4 dB	≤1.5
N9311X-553	1845 to 1915 MHz	≥35 dBc @ 1770 MHz ≥35 dBc @ 1986 MHz	≤0.6 dB	≤1.5
N9311X-554	1910 to 1990 MHz	≥35 dBc @ 1825 MHz ≥35 dBc @ 2070 MHz	≤0.6 dB	≤1.5











Cable



N9311X-580	N9311X-581	N9311X-582	N9311X-583	N9311X-585	N9311X-586
Phase stable, 1.5 m, type N(m) to N(m), DC to 18 GHz	Phase stable, 3.0 m, type N(m) to N(m), DC to 18 GHz	1.5 m, type SMA(m) to SMA(m), DC to 8 GHz	1.5 m, type BNC(m) to BNC(m), DC to 1 GHz	Phase stable, 1.5 m, type N(m) to DIN(f), DC to 18 GHz	Phase stable, 1.5 m, type N(m) to N(f), DC to 18 GHz

Adapter

N9311X-545	N9311X-541	N9311X-540	N9311X-543	N9311X-542	N9311X-544	N9311X-546	N9311X-547
Type N(f) to SMA(m), DC to 12.4 GHz	Type N(m) to SMA(f), DC to 12.4 GHz	Type N(m) to BNC(f), DC to 2 GHz	Type N(f) to BNC(m), DC to 4 GHz	Type N(f) to 7/16 DIN(f), DC to 7.5 GHz	Type N(f) to 7/16 DIN(m), DC to 7.5 GHz	Type N(f) to N(f), DC to 18 GHz	Type N(m) to 7/16 DIN(f), DC to 7.5 GHz
							

Attenuator





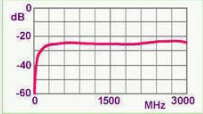



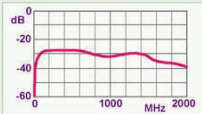


N9311X-561

Attenuator	Attenuation	Port	VSWR	Power rating	Length	Weight
N9311X-560	40 dB	N (m) to N (f)	DC – 4.0 GHz: 1.15 4.0 – 8.5 GHz: 1.2	10 watts average	67.3 mm (2.65 inch)	0.085 kg/3 oz
N9311X-561	40 dB	N (m) to N (f)	DC – 4.0 GHz: 1.2 4.0 – 8.5 GHz: 1.3	50 watts average	111.76 mm (4.37 inch)	0.28 kg/10 oz
N9311X-562	40 dB	N (m) to N (f)	DC – 4.0 GHz: 1.2 4.0 – 8.5 GHz: 1.3	100 watts average	112.01 mm (4.41 inch)	1.5 kg/3.3 lb

Calibrator

Calibrator	Type	Frequency range	Directivity	Impedance	Connector	Other
N9311x-201	Mechanical calibrator	DC to 7 GHz	42 dB	50 Ω	N(m)	3-in-1 OSL

Close Field Probe Set

N9311X-100	30 MHz to 3 GHz	30 MHz to 3 GHz	30 MHz to 2 GHz	30 MHz to 3 GHz
	 	 	 	 



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Product specifications and descriptions in this document subject to change without notice.

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Agilent low-cost Handheld and Bench Instruments

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