

Manufacturer		Model	Description	List Price	Sale Price	% Off List Price
<b>Network Analyzers</b>						
	Keysight Technologies	E5061B-235	100kHz-3.0GHz RF Network Analyzer S-parameter test set 50ohm	\$25,648	\$16,926.80	34.00%
	Keysight Technologies	E5071C-240	9kHz-4.5GHz 2-Port ENA RF Network Analyzer	\$31,695	\$20,918.70	34.00%
*	Keysight Technologies	E5071C-240/10/17/...	9kHz-4.5GHz 2-Port ENA RF Network Analyzer/10-Time domain analysis/17-Rmvbl hard dr/...	\$41,078	\$27,111.70	34.00%
*	Keysight Technologies	E5071C-240/17/...	9kHz-4.5GHz 2-Port ENA RF Network Analyzer/17-Rmvbl hard drive	\$33,575	\$22,159.50	34.00%
	Keysight Technologies	E5071C-2K5	300kHz-20GHz 2-Port ENA RF Network Analyzer with Bias tees	\$59,956	\$42,868.10	28.50%
*	Keysight Technologies	E5071C-2K5/17/...	300kHz-20GHz 2-Port ENA RF Network Analyzer w Bias tees/17-Rmvbl hard drive/...	\$61,836	\$44,212.30	28.50%
**	Keysight Technologies	E5071C-2K5/8/10/...	300kHz-20GHz 2-Port ENA RF Network Analyzer w Bias tees/8-Freq offset mode/10- Time dom anlyss/...	\$71,971	\$51,459.10	28.50%
*	Keysight Technologies	E5071C-480/10/790/...	9kHz-8.5GHz 4-Port ENA RF Network Analyzer/10-Time dom anlyss/790-Msrmnt wizard/...	\$66,347	\$43,788.80	34.00%
	Keysight Technologies	E5071C-485/1E5	100kHz-8.5GHz 4-Port ENA RF Network Analyzer with Bias tees/1E5-High stability timebase	\$58,884	\$39,510.90	32.90%
	Keysight Technologies	E5071C-4K5	300kHz-20GHz 4-Port ENA RF Network Analyzer with Bias tees	\$70,858	\$46,766.50	34.00%
*	Keysight Technologies	E5071C-4K5/17/1E5/TDR/...	300kHz-20GHz 4-Port ENA RF Network Analyzer with Bias tees/17-Rmvbl hard drive/1E5-Hi stabil TBase/TDR-Enhanc time dom/...	\$84,773	\$55,950.40	34.00%
**	Keysight Technologies	E5071C-4K5/790/TDR/WXP	300kHz-20GHz 4-Port ENA RF Network Analyzer Bias tees/790-Msrmnt wizard/TDR- Enhanc time dom/...	\$84,009	\$55,445.50	34.00%
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*	Keysight Technologies	E5071C-4K5/TDR/...	300kHz-20GHz 4-Port ENA RF Network Analyzer w Bias tees/TDR-Enhanc time dom/...	\$81,737	\$53,946.20	34.00%
	Keysight Technologies	N5227A-219/WXP	10MHz-67GHz 2-Port PNA Microwave Network Analyzer single source, w extend pwr range & bias-tees/WXP-Win XP OS	\$196,609	\$162,201.60	17.50%
	Keysight Technologies	N5227A-401	10MHz-67GHz 4-Port PNA Microwave Network Analyzer dual source, with configurable test set	\$222,157	\$213,013.90	4.12%
**	Keysight Technologies	N5242A-400/20/419/HW5/WXP	10MHz-26.5GHz 4-Port PNA-X Microwave Network Analyzer/20-Add IF ins/419-Extend pwr & bias tee/...	\$208,965	\$152,709.70	26.92%
**	Keysight Technologies	N5242A-400/20/P10	10MHz-26.5GHz 4-Port PNA-X Microwave Network Analyzer/20-Add IF ins/10-Time dom msmnts/...	\$366,587	\$262,110.20	28.50%
**	Keysight Technologies	N5242A-400/HW2/NL/PL1/WXP	10MHz-26.5GHz 4-Port PNA-X Microwave Network Analyzer/10-Time dom msmnts/...	\$303,066	\$233,360.60	23.00%
**	Keysight Technologies	N5245ASH85-4/423/...	10MHz-50GHz 4-Port High power PNA-X Microwave Network Analyzer/423-Intern combiner/mech sw/...	\$284,612	\$203,496.70	28.50%
*	Keysight Technologies	N5245ASH85-4/423/P3/WXP	10MHz-50GHz 4-Port High power PNA-X Microwave Network Analyzer/423-Intern combiner/mech sw/10-Time-dom msmnt/...	\$351,529	\$251,342.30	28.50%
**	Keysight Technologies	N5245ASH85-4/87/NL1/SW1/WXP	10MHz-50GHz 4-Port High power PNA-X Microwave Network Analyzer/87-Intermod distorti/...	\$362,932	\$259,495.50	28.50%
**	Rohde & Schwarz	ZVA24-4/B16/K4/K6/K9	10MHz-24GHz Vector Network Analyzer 4-port/B16-Direct genr/recvr access/K4-Freq convrt meas/	\$151,280	\$99,745.80	34.07%
*	Rohde & Schwarz	ZVA24-4/B4/B16/...	10MHz-24GHz Vector Network Analyzer 4-port/B4-Oven quartz (OCXO)/B16-Direct genr/	\$182,585	\$119,820.80	34.38%
**	Rohde & Schwarz	ZVA24-4/B4/B9/B16/GRA/K4/K9	10MHz-24GHz Vector Network Analyzer cable set/	\$175,415	\$125,422.00	28.50%
<b>Spectrum Analyzers</b>						
**	Keysight Technologies	E4440A/115/226/...	3Hz-26.5GHz PSA Spectrum Analyzer/115-512MB User Memory/226-Phase noise msmnt/...	\$141,216	\$23,296.90	83.50%
*	Keysight Technologies	E4440A/1DS/B78/...	3Hz-26.5GHz PSA Spectrum Analyzer/1DS- Internal Preamp/B78-cdma2000 Msmnt Per/...	\$151,393	\$24,979.90	83.50%

*	Keysight Technologies	E4440A/210/...	3Hz-26.5GHz PSA Spectrum Analyzer/210- HSDPA msrmnt persona/...	\$151,395	\$24,979.90	83.50%
**	Keysight Technologies	E4443A/C4/...	3Hz-6.7GHz PSA Spectrum Analyzer/...	\$142,897	\$23,527.90	83.54%
**	Keysight Technologies	N9010A-507/EA3/HW4/PFR	10Hz-7.0GHz EXA Signal Analyzer/EA3-3.6GHz Elec atten/B25-25MHz Demod analys bw/...	\$33,179	\$22,628.10	31.80%
**	Keysight Technologies	N9010A-507/HW5/WXP	10Hz-7.0GHz EXA Signal Analyzer/B40-40MHz Anlys Bwidth/DP2-Dig Processor-2GB MM/...	\$46,477	\$31,697.60	31.80%
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<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>				
**	Keysight Technologies	N9010A-507/HW6/SW4/WXP	10Hz-7.0GHz EXA Signal Analyzer/B25-25MHz Demod analysis bw/EA3-3.6GHz Elec atten/...	\$39,454	\$26,907.10	31.80%
	Keysight Technologies	N9010A-544	10Hz-44GHz EXA Signal Analyzer	\$63,530	\$47,171.30	25.75%
*	Keysight Technologies	N9010A-544/P2/WXP	10Hz-44GHz EXA Signal Analyzer/EA3-3.6GHz Electronic attenua/EXM-External mixing/FSA-Fine resolution step attr/PFR- Precision frequency refer/WXP-Windows XP OS	\$71,992	\$53,454.50	25.75%
	Keysight Technologies	N9010A-544/WXP	10Hz-44GHz EXA Signal Analyzer/WXP- Windows XP OS	\$63,530	\$47,171.30	25.75%
	Keysight Technologies	N9020A-503	20Hz-3.6GHz MXA Spectrum Analyzer	\$31,586	\$19,109.20	39.50%
**	Keysight Technologies	N9020A-503/BBA/EA3/P03/WXP	10Hz-3.6GHz MXA Spectrum Analyzer/BBA- I/Q baseband inputs, ana/...	\$47,764	\$28,897.00	39.50%
	Keysight Technologies	N9020A-513/B25	20Hz-13.6GHz MXA Spectrum Analyzer/B25-25MHz Analysis bandwidth	\$45,523	\$30,045.40	34.00%
**	Keysight Technologies	N9020A-513/B25/BBA/P03	20Hz-13.6GHz MXA Spectrum Analyzer/ B25-25MHz Analysis Bwidth/BBA-I/Q Bband in-Analg/P03-3.6GHz Preamp	\$58,403	\$38,546.20	34.00%

	Keysight Technologies	N9020A-526/B25	20Hz-26.5GHz MXA Spectrum Analyzer/B25-25MHz Analysis bandwidth	\$50,866	\$30,773.60	39.50%
*	Keysight Technologies	N9020A-526/P8/...	10Hz-26.5GHz MXA Spectrum Analyzer/CR3- Wband IF out/EDP-Enhanc display pkg/...	\$101,100	\$61,165.50	39.50%
**	Keysight Technologies	N9020A-526/RTSA/W7X	10Hz-26.5GHz MXA Spectrum Analyzer/B1X-160MHz Anlys Bwidth/MPB-MW preselect bys/RT2-160MHz RTSA/...	\$96,621	\$58,456.20	39.50%
	Keysight Technologies	N9030A-503	3Hz-3.6GHz PXA Signal Analyzer	\$55,904	\$36,281.30	35.10%
	Keysight Technologies	N9030A-503/B1X/WXP	3Hz-3.6GHz PXA Signal Analyzer/B1X-160MHz Analysis bandwidth/WXP-Windows XP OS	\$88,304	\$57,308.90	35.10%
*	Keysight Technologies	N9030A-503/B25/...	3Hz-3.6GHz PXA Signal Analyzer/B25-25MHz Anlys Bandwidth/...	\$64,561	\$41,900.10	35.10%
	Keysight Technologies	N9030A-503/CGT/WXP	3Hz-3.6GHz PXA Signal Analyzer/N9071T2- N9071A-2TP GSM/EDGE/N9072T2-N9072A-2TP CDMA2000/WXP-Win XP OS	\$71,326	\$46,290.20	35.10%
	Keysight Technologies	N9030A-503/RTSA/W7X	3Hz-3.6GHz PXA Signal Analyzer/B1X-160MHz Analysis BWW/RT2-160MHz RT Spec An/W7X-Win 7 OS	\$98,892	\$64,180.60	35.10%
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	Keysight Technologies	N9030A-503/WXP	3Hz-3.6GHz PXA Signal Analyzer/WXP- Windows XP OS	\$55,904	\$36,281.30	35.10%
	Keysight Technologies	N9030A-526/B25/W7X	3Hz-26.5GHz PXA Signal Analyzer/B25-25MHz Analysis bandwidth/W7X-Windows 7 OS	\$79,970	\$51,900.20	35.10%
*	Keysight Technologies	N9030A-526/BW1/...	3Hz-26.5GHz PXA Signal Analyzer/B1X-160MHz Anlys bandwidth/...	\$112,911	\$73,278.70	35.10%
**	Keysight Technologies	N9030A-526/BW3/ N9068A/WXP	3Hz-26.5GHz PXA Signal Analyzer/B40-40MHz Anlys Bwidth/...	\$113,831	\$73,876.00	35.10%

**	Keysight Technologies	N9030A-526/BW4/HW1/W7X	3Hz-26.5GHz PXA Signal Analyzer/B1X-160MHz Anlys Bwidth/...	\$149,904	\$97,287.30	35.10%
**	Keysight Technologies	N9030A-526/CR3/N1/N9068A	3Hz-26.5GHz PXA Signal Analyzer/CR3- Wideband rear IF output/...	\$97,991	\$63,596.50	35.10%
*	Keysight Technologies	N9030A-526/EMC/...	3Hz-26.5GHz PXA Signal Analyzer/EMC- Basic EMC Functionality/...	\$76,510	\$49,655.10	35.10%
*	Keysight Technologies	N9030A-526/EXM/...	3Hz-26.5GHz PXA Signal Analyzer/EXM-Ext mixing/...	\$83,811	\$54,392.80	35.10%
**	Keysight Technologies	N9030A-526/HW10/RTSA	3Hz-26.5GHz PXA Signal Analyzer/BBA-IQ Bband inputs, analo/CR3-Wband rear IF out/ EA3-3.6GHz Elect atten/	\$150,863	\$97,909.90	35.10%
*	Keysight Technologies	N9030A-526/HW2/..	3Hz-26.5GHz PXA Signal Analyzer/ALV-Aux log video out/EA3-3.6GHz Elect atten/EMC- Basic EMC Func/...	\$150,901	\$97,935.20	35.10%
*	Keysight Technologies	N9030A-526/LNP/N9068A/...	3Hz-26.5GHz PXA Signal Analyzer/LNP-Low noise path/N9068A-N9068A-2FP Phase noise fx/...	\$80,122	\$51,999.20	35.10%
*	Keysight Technologies	N9030A-526/N1/...	3Hz-26.5GHz PXA Signal Analyzer/LNP-Low noise path/N9069A-N9069A-1FP Noise fig/ P26-26.5GHz Preamp/...	\$95,583	\$62,033.40	35.10%
**	Keysight Technologies	N9030A-526/N6/W7X	3Hz-26.5GHz PXA Signal Analyzer/LNP-Low noise path/...	\$85,749	\$55,651.20	35.10%
	Keysight Technologies	N9030A-544/EMC/P44/WXP	3Hz-44.0GHz PXA Signal Analyzer/EMC- Basic EMC Funct/P44-44GHz Preamp/WXP- Win XP OS	\$112,921	\$93,160.10	17.50%
	Keysight Technologies	N9030A-544/LNP/P44/WXP	3Hz-44.0GHz PXA Signal Analyzer/LNP-Low noise path/P44-44GHz Preamp/WXP-Win XP OS	\$114,866	\$94,765.00	17.50%
**	Keysight Technologies	N9030A-550/B40/N2/VIM	3Hz-50.0GHz PXA Signal Analyzer/B40-40MHz Analysis BW/...	\$169,459	\$139,803.40	17.50%
**	Keysight Technologies	N9030A-550/BW1/P50/W7X	3Hz-50.0GHz PXA Signal Analyzer/B1X-160MHz Analysis BW/LNP-Low noise path/MPB-MW preselect/	\$166,096	\$137,029.20	17.50%

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*	Keysight Technologies	N9344C/1DN/...	1MHz-20GHz Handheld Spectrum Analyzer (HSA)/1DN-Automo 12V DC charger/...	\$19,835	\$10,364.20	47.75%
*	Keysight Technologies	N9344C/BAT/BCG/SCC/...	1MHz-20GHz Handheld Spectrum Analyzer (HSA)/BKT-Spare battry pack/BCG-Ext battry charger/...	\$23,206	\$12,125.30	47.75%
*	Keysight Technologies	N9344C/GPS/P20/SIM	1MHz-20GHz Handheld Spectrum Analyzer (HSA)/GPS-Built-in GPS rcvr w/anten/P20-1MHz-20GHz Preamp/SIM-Spec monitor/	\$21,054	\$11,001.10	47.75%
*	Keysight Technologies	N9344C/P20	1MHz-20GHz Handheld Spectrum Analyzer (HSA)/P20-1MHz-20GHz Preamp/...	\$18,658	\$9,749.30	47.75%
**	Keysight Technologies	N9344C/SW2	1MHz-20GHz Handheld Spectrum Analyzer (HSA)/GPS-Built-in GPS rcvr w/anten/P20-1MHz-20GHz Preamp/	\$24,770	\$12,942.60	47.75%
	Keysight Technologies	N9344C/TG7	1MHz-20GHz Handheld Spectrum Analyzer (HSA)/TG7-5MHz-7GHz Tracking gener	\$19,561	\$10,220.10	47.75%
**	Rohde & Schwarz	FSW26/B18/B24/B28/L1/ S	2Hz-26.5GHz Signal and spectrum analyzer	\$160,280	\$132,231.00	17.50%
**	Rohde & Schwarz	FSW26/HW4/K30/K40/...	2Hz-26.5GHz Signal and spectrum analyzer	\$121,330	\$109,440.10	9.80%
<b>Signal Generators</b>						
*	Keysight Technologies	E4438C-506/3/...	250kHz-6GHz ESG Vector Sig Gen/3-N5102A Dig Output Con/...	\$74,985	\$17,521.90	76.63%
*	Keysight Technologies	E4438C-506/403/...	250kHz-6GHz ESG Vector Sig Gen/403- Calibrated Noise Personality/...	\$69,102	\$16,223.90	76.52%
**	Keysight Technologies	E4438C-506/5/402/602/ UN7	250kHz-6GHz ESG Vector Sig Gen/5-6GB Hard Drive/402-TDMA/GSM/EDGE/NADC/...	\$76,238	\$16,267.90	78.66%
*	Keysight Technologies	E4438C-506/5/403/...	250kHz-6GHz ESG Vector Sig Gen/5-6GB Hard Drive/403-Calib Noise Prsnlty/	\$69,735	\$16,366.90	76.53%
**	Keysight Technologies	E4438C-506/5/404/...	250kHz-6GHz ESG Vector Sig Gen/5-6GB Hard Dr/404-cdma2000 1xEV Sftwr/...	\$87,740	\$14,705.90	83.24%
*	Keysight Technologies	E4438C-506/5/602/...	250kHz-6GHz ESG Vector Sig Gen/5-6GB Hard Dr/602-Baseband Gen 64MS/UNJ- Enhanc Phase Noise	\$63,464	\$14,991.90	76.38%

**	Keysight Technologies	E4438C-506/TEL8	250kHz-6GHz ESG Vector Signal Generator/5-6GB Hard Dr/400-3GPP W-CDMA/...	\$82,646	\$16,652.90	79.85%
*	Keysight Technologies	E8257D-520/1E1	250kHz-20GHz PSG Analog Sig Gen/1E1- Step Atten/...	\$33,583	\$24,000.90	28.53%
	Keysight Technologies	E8257D-567/1EU	250kHz-67GHz PSG Analog Sig Gen/1EU- High output power	\$103,256	\$73,830.90	28.50%
**	Keysight Technologies	E8267D-520/15/UNR/UNT	250kHz-20GHz PSG Vector Signal Generator/15-Wideband ext I/Q input/...	\$113,086	\$79,112.00	30.04%
*	Keysight Technologies	E8267D-520/9/602/...	250kHz-20GHz PSG Vector Sig Gen/9-Rmvbl flash mem/602-Int BB gen,64MSA mem/...	\$118,102	\$84,443.70	28.50%
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**	Keysight Technologies	E8267D-544/5/15/602/UNR/UNT	250kHz-44GHz PSG Vector Sig Gen/5-6GB int hard drive/15-Wband external I/Q input/602-Int BB Gen 64MSa mem/...	\$225,381	\$138,895.90	38.37%
**	Keysight Technologies	E8267D-544/UNT/P6	250kHz-44GHz PSG Vector Sig Gen/UNT- AM,FM,PH,LF out/602-Int BB Gen,64MSa mem/9-Rmvbl flash mem/...	\$229,995	\$141,678.90	38.40%
	Keysight Technologies	E8663B-503/HAR	100kHz-3.2GHz Analog Sig Gen/HAR- Improved p/n below 500MHz	\$55,610	\$19,580.00	64.79%
	Keysight Technologies	E8663B-503/HAR/UNW	100kHz-3.2GHz Analog Sig Gen/HAR- Improved p/n below 500MHz/UNW-Narrow pulse modulation	\$58,291	\$19,580.00	66.41%
	Keysight Technologies	E8663B-503/UNW	100kHz-3.2GHz Analog Sig Gen/UNW- Narrow pulse modulation	\$47,981	\$19,580.00	59.19%
*	Keysight Technologies	N5172B-506/431/...	9kHz-6GHz EXG Vector Sig Gen/431-Custom real-time digital/...	\$48,327	\$39,869.50	17.50%
*	Keysight Technologies	N5172B-506/BRE/P1/...	9kHz-6GHz EXG Vector Sig Gen/22-512Msa bband gen/653-ARB Bband Gen/655-120MHz RF BW Unord base/...	\$71,814	\$59,246.00	17.50%
	Keysight Technologies	N5181A-506/99	100kHz-6GHz MXG Analog Sig Gen/99- Expanded license key upgrade	\$20,245	\$10,577.60	47.75%

*	Keysight Technologies	N5181A-506/99/1EA/...	100kHz-6GHz MXG Analog Sig Gen/99- Expand license key upg/1EA-Hi out pwr/...	\$21,971	\$11,479.60	47.75%
**	Keysight Technologies	N5181A-506/99/ALB/MOD	100kHz-6GHz MXG Analog Sig Gen/99- Expand license key upg/ALB-LXI Class B funct/...	\$21,910	\$11,447.70	47.75%
	Keysight Technologies	N5181A-506/99/MOD	100kHz-6GHz MXG Analog Sig Gen/99- Expand license key upg/UNT-Analog mod (AM,FM,UNU-Pulse mod	\$21,751	\$11,365.20	47.75%
	Keysight Technologies	N5181A-506/99/UNT	100kHz-6GHz MXG Analog Sig Gen/99- Expand license key upg/UNT-Analog mod (AM,FM,PM)	\$20,824	\$10,880.10	47.75%
*	Keysight Technologies	N5182A-503/19/654/...	100kHz-3GHz MXG Vector Sig Gen/19-BB mem to 64Msa/654-Bband Gen 125Msa/...	\$39,933	\$16,692.50	58.20%
*	Keysight Technologies	N5182A-503/19/99/...	100kHz-3GHz MXG Vector Sig Gen/19-BB mem to 64Msa/99- Expand license key upgr/...	\$49,668	\$20,761.40	58.20%
**	Keysight Technologies	N5182A-503/1EA/9BE	100kHz-3GHz MXG Vector Sig Gen/1EA-Hi out pwr/654-Bband gen 125Msa/99-Exp license key upgr/...	\$41,641	\$17,406.40	58.20%
**	Keysight Technologies	N5182A-503/1EL/250K/652/MOD	250kHz-3GHz MXG Vector Sig Gen/1EL-Diff IQ outs/250K-250kHz low end freq/652- Bband gen 60Msa/...	\$33,620	\$14,053.60	58.20%
**	Keysight Technologies	N5182A-503/1EQ/1ER/651/MOD	100kHz-3GHz MXG Vector Sig Gen/1EQ-Low pwr <-110dBm/1ER-Flex ext ref in/651- Bband gen 30Msample/...	\$31,910	\$13,338.60	58.20%
**	Keysight Technologies	N5182A-503/1ER/9BL/403	100kHz-3GHz MXG Vector Sig Gen/1ER-Flex ext ref in/19-BB mem to 64Msa/652-Bband gen 60Msa/...	\$41,987	\$17,550.50	58.20%
	Keysight Technologies	N5182A-503/654/MOD	100kHz-3GHz MXG Vector Sig Gen/654- Bband gen 125Msa/UNT-Analog mod (FM,AM/UNU-Pulse mod	\$36,259	\$15,155.80	58.20%
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**	Keysight Technologies	N5182A-503/99/1ER/403/BB3	100kHz-3GHz MXG Vector Sig Gen/99- Expand license key upgr/1ER-Flex ext ref in/403-Calib real-time noise/...	\$44,857	\$18,750.60	58.20%
*	Keysight Technologies	N5182A-503/99/403/...	100kHz-3GHz MXG Vector Sig Gen/99- Expand license key upgr/403-Calib real-time noise/.	\$44,615	\$18,649.40	58.20%



*	Keysight Technologies	N5182A-503/99/430/...	100kHz-3GHz MXG Vector Sig Gen/99- Expand license key upgr/430-Multitone & two-tone/...	\$39,997	\$16,718.90	58.20%
*	Keysight Technologies	N5182A-503/99/BB5/ UNV	100kHz-3GHz MXG Vector Sig Gen/99- Expand license key upgr/1EQ-Low pwr <-110dBm/403-Calib real-time noise/	\$45,994	\$19,225.80	58.20%
	Keysight Technologies	N5182A-503/99/MOD	100kHz-3GHz MXG Vector Sig Gen/99- Expand license key upgr/UNT-Analog mod (AM,FM,Phase)/UNU-Pulse mod	\$27,940	\$11,678.70	58.20%
*	Keysight Technologies	N5182A-503/99/P4/...	100kHz-3GHz MXG Vector Sig Gen/99- Expand license key upgr/19-BB mem to 64Msa/1EQ-Low pwr <-110dBm/	\$46,798	\$19,561.30	58.20%
*	Keysight Technologies	N5182A-503/9BE/...	100kHz-3GHz MXG Vector Sig Gen/654- Bband gen 125Msa/99- Expand license key upgr/UNV-Enhan dyn range/...	\$38,771	\$16,206.30	58.20%
**	Keysight Technologies	N5182A-506/12/1EA/ BBE/UNW	100kHz-6GHz MXG Vector Sig Gen/12-LO In/ Out for phase cohey/1EA-Hi out pwr/...	\$61,861	\$25,517.80	58.75%
**	Keysight Technologies	N5182A-506/12/403/9BBE/MOD	100kHz-6GHz MXG Vector Sig Gen/12-LO In/Out for phase cohey/403-Calib real-time noise/...	\$66,690	\$27,509.90	58.75%
**	Keysight Technologies	N5182A-506/12/654/P4	100kHz-6GHz MXG Vector Sig Gen/12-LO In/Out for phase cohey/654-Bband Gen 125Msa/	\$65,385	\$26,970.90	58.75%
*	Keysight Technologies	N5182A-506/12/99	100kHz-6GHz MXG Vector Sig Gen/12-LO In/ Out for phase coher/99-Expand license key upgr/...	\$42,749	\$17,634.10	58.75%
*	Keysight Technologies	N5182A-506/12/BB5/...	100kHz-6GHz MXG Vector Sig Gen/12- LO In/Out for phase cohey/1EQ-Low pwr (<-110dBm)/403-Calib real-time noise/...	\$72,608	\$29,950.80	58.75%
**	Keysight Technologies	N5182A-506/19/...	100kHz-6GHz MXG Vector Sig Gen/19-BB mem to 64Msa/...	\$54,854	\$22,627.00	58.75%
**	Keysight Technologies	N5182A-506/1CP/1EQ/654/MT1	100kHz-6GHz MXG Vector Sig Gen/1CP-Rack kit/1EQ-Low pwr (<-110dBm)/654-Bband Gen 125Ms/...	\$53,962	\$22,259.60	58.75%
**	Keysight Technologies	N5182A-506/1EA/6/P8/ UNZ	100kHz-6GHz MXG Vector Sig Gen/1EA- High out pwr/6-Inst security/19-BB mem to 64Msa/	\$74,563	\$30,757.10	58.75%
*	Keysight Technologies	N5182A-506/1EL/...	100kHz-6GHz MXG Vector Sig Gen/1EL-Diff IQ outs/...	\$60,610	\$25,001.90	58.75%

**	Keysight Technologies	N5182A-506/1ER/654/ MOD	100kHz-6GHz MXG Vector Sig Gen/1ER-Flex ext ref input/654- Bband Gen 125Msa/...	\$50,745	\$20,931.90	58.75%
*	Keysight Technologies	N5182A-506/250K/651/ MOD	250kHz-6GHz MXG Vector Sig Gen/250K- 250kHz low end freq/...	\$43,845	\$18,086.20	58.75%
**	Keysight Technologies	N5182A-506/430/BB	100kHz-6GHz MXG Vector Sig Gen/430- Multitone & 2-tone/19- BB mem to 64Msa/1EL-Diff IQ outs/	\$55,716	\$22,983.40	58.75%
				<b>List</b>	<b>Sale</b>	<b>% Off</b>
<b>Manufacturer</b>		<b>Model</b>	<b>Description</b>	<b>Price</b>	<b>Price</b>	<b>List Price</b>
*	Keysight Technologies (fo	N5182A-506/431/...	100kHz-6GHz MXG Vector Sig Gen/431- Custom dig mod/654- Bband gen 125Msa/...	\$54,971	\$22,675.40	58.75%
**	Keysight Technologies (fo	N5182A- 506/4G/1EA/430/9BBE	100kHz-6GHz MXG Vector Sig Gen/ N7600B3-N7600B-3FP W- CDMA connect/...	\$77,845	\$32,111.20	58.75%
**	Keysight Technologies	N5182A-506/6/320/P6/ UNZ	100kHz-6GHz MXG Vector Sig Gen/6-Inst security/320-Pulse train Gen/...	\$84,897	\$35,019.60	58.75%
**	Keysight Technologies	N5182A-506/6/9BE	100kHz-6GHz MXG Vector Sig Gen/6-Inst security/654-Bband Gen 125Msa/...	\$53,263	\$21,971.40	58.75%
*	Keysight Technologies	N5182A-506/651/P4	100kHz-6GHz MXG Vector Sig Gen/651- Bband gen 30Msas/...	\$56,366	\$23,250.70	58.75%
**	Keysight Technologies	N5182A-506/652/P4/ WMX	100kHz-6GHz MXG Vector Sig Gen/652- Bband Gen 60Msas/19- BB mem to 64Msa/1EA-Hi out pwr/	\$63,344	\$26,129.40	58.75%
	Keysight Technologies	N5182A-506/99	100kHz-6GHz MXG Vector Sig Gen/99- Expanded license key upgrade	\$40,044	\$16,517.60	58.75%
	Keysight Technologies	N5182A-506/99/654/ UNV	100kHz-6GHz MXG Vector Sig Gen/99- Expand license key upgr/654-Bband Gen 125Msa/UNV-Enhanc dynamic range	\$52,671	\$21,727.20	58.75%
**	Keysight Technologies	N5182A-506/99/BB4	100kHz-6GHz MXG Vector Signal Generator/99-Expand license key upgr/19- BB mem to 64Msa/1EL-Diff IQ outs/...	\$51,410	\$21,206.90	58.75%
*	Keysight Technologies	N5182A-506/99/P11	100kHz-6GHz MXG Vector Sig Gen/99- Expand license key upgr/19-BB mem to 64Msa/1EA-Hi out pwr/	\$63,006	\$25,989.70	58.75%

	Keysight Technologies	N5182A-506/99/UNT	100kHz-6GHz MXG Vector Sig Gen/99- Expanded license key upgr/UNT-Analog modulation (FM,AM)	\$40,913	\$16,876.20	58.75%
	Keysight Technologies	N5182A-506/99/UNW	100kHz-6GHz MXG Vector Sig Gen/99- Expanded license key upgr/UNW-Narrow pulse modulation	\$41,423	\$17,087.40	58.75%
*	Keysight Technologies	N5182B-503/403/...	9kHz-3GHz MXG Vector Sig Gen/403-Calib real-time AWGN/...	\$42,423	\$36,399.00	14.20%
**	Keysight Technologies	N5182B-503/6/9/9B/431/P1	9kHz-3GHz MXG Vector Sig Gen/6-Inst security/9-Int Flash Drive/...	\$59,000	\$50,622.00	14.20%
**	Keysight Technologies	N5182B-506/22/432/B3/UNV	9kHz-6GHz MXG Vector Sig Gen/22-512Msa Bband Gen/432-Real-time Phase noise imp/...	\$68,121	\$48,706.90	28.50%
**	Keysight Technologies	N5182B-506/403/430/9BR/UNV	9kHz-6GHz MXG Vector Sig Gen/403-Calib real-time AWGN/430-Multitone & two-tone/...	\$58,824	\$42,059.60	28.50%
**	Keysight Technologies	N5182B-506/P1	9kHz-6GHz MXG Vector Sig Gen/23-1Gsa Bband Gen/403-Calib real-time AWGN/...	\$91,788	\$58,560.70	36.20%
	Keysight Technologies	N5183A-520/1EA/UNZ	100kHz-20GHz MXG Analog Microwave Sig Gen/1EA-Hi out pwr/UNZ-Fast freq switch	\$40,801	\$26,928.00	34.00%
**	Keysight Technologies	N5183A-520/6/DYN/NP	100kHz-20GHz MXG Analog Microwave Sig Gen/6-Inst security/1E1-Step atten/...	\$51,363	\$33,899.80	34.00%
				<b>List Price</b>	<b>Sale Price</b>	<b>% Off List Price</b>
**	Keysight Technologies	N5193A-520/CC2/HW1/PM1/UNT	10MHz-20GHz UXG Agile Sig Gen/CC2-50- pin BCD Interface/AT1-Mech & SS Atten/...	\$217,991	\$215,811.20	1.00%
	Rohde & Schwarz	SMA100A-3/B22/B80	9kHz-3GHz Sig Gen w elec atten/B22- Enhanc phase noise & FM/PHIM mod/B80- Rmvbl Flash mem	\$27,780	\$16,806.90	39.50%
	Rohde & Schwarz	SMA100A-3/B22/B80/ZZA-211	9kHz-3GHz Sig Gen w elec atten/B22- 211-Relmnt	\$27,975	\$16,924.60	39.50%
	Rohde & Schwarz	SMA100A-3/B22V2/B80	9kHz-3GHz Sig Gen w elec atten/B22V2- Enhanc phase noise & FM/PHIM mod/B80- Rmvbl mem	\$27,780	\$16,806.90	39.50%

	Rohde & Schwarz	SMA100A-3/B22V2/B80/ K23/K24	9kHz-3GHz Sig Gen w elec atten/B22V2- Hi perf pulse gn/K24-Mod Gen	\$30,850	\$18,663.70	39.50%
	Rohde & Schwarz	SMA100A-6/K25/K26	9kHz-6GHz Sig Gen w elec atten/K25-VOR/ ILS/K26-DME Modulation	\$27,960	\$19,991.40	28.50%
<b>Oscilloscopes</b>						
	Keysight Technologies	86107A/10	Precision Timebase Reference Module /2.5GHz & 10GHz Clock	\$46,509	\$32,450.00	30.23%
	Keysight Technologies	86107A/40	Precision Timebase Reference Module /10GHz, 20GHz, and 40GHz Input	\$46,388	\$32,450.00	30.05%
	Keysight Technologies	86108B/HBW/JSA/232	Precision Wvfrm Anlys Module/HBW-50Ghz BW, 2 CH Elec/JSA- Jitter Spec An/232-50Mb/ s-32Gb/s Input Rates	\$140,298	\$93,500.00	33.36%
	Keysight Technologies	M9703A/P2	AXIe 12-bit 2GHz 8CH High Speed Digitizer/ DDC-Real-time wideband DDC/F10-Full bandwidth/...	\$175,807	\$115,500.00	34.30%
	Keysight Technologies	MSOS104A	1GHz 4 + 16CH Mixed Signal Oscopce	\$26,050	\$20,185.00	22.51%
	Keysight Technologies	MSOS404A	4GHz 4 + 16CH Mixed Signal Oscopce	\$42,081	\$31,350.00	25.50%
	Keysight Technologies	MSOX6004A	1GHz 4 + 16Ch Mixed Signal Oscopce	\$22,043	\$15,950.00	27.64%
	Keysight Technologies	MSOX93204A/ DSA/801/805	33GHz 4 + 16CH Mix Sig Oscopce/DSA-Dig Sig Anlys/801-Rmvbl Hard Drive/805-GPIB	\$324,282	\$251,900.00	22.32%
	Keysight Technologies	MSOX93204A/ DSA/801/805/808	33GHz 4 + 16CH Mix Sig Oscopce/DSA-Dig Sig Anlys/801-Rmvbl Hard Drive/805- GPIB/808-Perf Verify Fixtre	\$326,837	\$254,100.00	22.25%
**	Keysight Technologies	N1045A/02F/1MC	60 GHz 2/4 Port Elect Remote Sampl Head/02F-2Ch remote 1.85mm F/1MC- N1027A-1MC Storr Case	\$47,096	\$35,750.00	24.09%
	Tektronix	DSA70804C	8GHz 4CH Digital Serial Analyzer	\$109,000	\$41,965.00	61.50%
	Tektronix	DSA70804C/10XL	8GHz 4CH Digital Serial Analyzer/10XL-	\$125,000	\$48,125.00	61.50%
	Tektronix	DSA70804C/R3/W7	8GHz 4CH Digital Serial Analyzer/R3-3 Yr Repair Service/W7-Win7 OS	\$115,130	\$43,972.50	61.81%

	Tektronix	DSA71604C/W7	16GHz 4CH Digital Serial Analyzer/W7-Win7 OS	\$165,000	\$78,100.00	52.67%
	<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>List Price</b>	<b>Sale Price</b>	<b>% Off List Price</b>
	Tektronix	DSA72004C	20GHz 4CH Digital Serial Analyzer	\$197,000	\$75,900.00	61.47%
	Tektronix	DSA72504D	25GHz 4CH Digital Serial Analyzer	\$227,000	\$87,450.00	61.48%
**	Tektronix	MSO5204/5RL/...	2GHz 4Ch Mixed Signal Scope/5RL-125MS per ch/...	\$44,180	\$21,994.50	50.22%
	Tektronix	MSO5204/SREMBD	2GHz 4Ch Mixed Signal Scope/SREMBD- Embedded Serial Trigger	\$31,660	\$15,675.00	50.49%
*	Tektronix	MSO71254C/...	12.5GHz 4 + 16CH Mixed Signal Scope/...	\$160,740	\$79,750.00	50.39%
**	Tektronix	MSO71254C/20XL/...	12.5GHz 4 + 16CH Mixed Signal Scope/20XL-250Msa/CH memory/...	\$189,560	\$94,600.00	50.09%
	Tektronix	MSO71254C/DSAU/W7	12.5GHz 4 + 16CH Mixed Signal Scope/ DSAU-Digital signal analysis/W7-Win7 OS	\$145,000	\$77,000.00	46.90%
	Tektronix	MSO71604C/SVE/SVP	16GHz 4 + 16CH Mixed Signal Scope/SVE- SignalVue Essentials/SVP-Advanced Sig Analysis	\$185,660	\$81,950.00	55.86%
	Tektronix	MSO72004C/20XL/USB3	20GHz 4 + 16CH Mixed Signal Scope/20XL-250M per CH Mem/USB3-USB 3.0 Comp	\$217,560	\$107,250.00	50.70%
*	Tektronix	MSO72304DX/...	23GHz 4 + 16CH Mixed Signal Scope/...	\$247,160	\$150,700.00	39.03%
**	Tektronix	MSO73304DX/10XL/...	33GHz 4 + 16CH Mixed Signal Scope/10XL-125M/Ch Record Length/...	\$330,000	\$258,500.00	21.67%
<b>Arbitrary Waveform Generators</b>						
	Keysight Technologies	81134A	2CH 3.35GHz Pulse Pattern Generator	\$84,273	\$41,250.00	51.05%
	Keysight Technologies	81180A-264/F4G2	4GSa/s 2CH Arb Waveform Gen/F4G2-Qty 2-4GSa/s Filter Sets	\$90,202	\$24,200.00	73.17%
	Keysight Technologies	81180B-264/F4G2	4.6GSa/s Arb Waveform Gen/F4G2-Filter Set (4Gsa/s) 2each	\$68,359	\$57,750.00	15.52%
	Keysight Technologies	M8190A-B02	8GS/s 2CH 2GSa Mem CH Arb Waveform Gen	\$109,028	\$84,700.00	22.31%
	Keysight Technologies	M8190A-B02/12G	8GS/s 2CH 2GSa Mem CH Arb Waveform Gen/12G-12GSa/s, 12bit Resolution	\$124,001	\$93,500.00	24.60%

	Keysight Technologies	M8190A-B02/12G/AMP/DUC/SEQ	8GS/s 2CH 2GSa Mem CH Arb Waveform Gen/12G-12GSa/s, 12bit Resol/AMP-Added AC and DC Amps/...	\$155,188	\$115,500.00	25.57%
	Keysight Technologies	M8190A-B02/DUC/FSW/SEQ	8GS/s 2CH 2GSa Mem CH Arb Waveform Gen/DUC-Digital Upconver License/FSW-Fast Switch/SEQ-Sequencer	\$134,608	\$97,350.00	27.68%
	Tektronix	AWG70001A-150	50GS/s 1CH 2GS Mem Arb Waveform Gen	\$138,000	\$102,300.00	25.87%
	Tektronix	AWG70002A-225/01	25GS/s 2CH 2GS Mem Arb Waveform Gen/01-16Gpt Wvfrm Mem	\$133,000	\$102,300.00	23.08%
*	Tektronix	AWG7082C/1/6/8/...	8GS/s 2CH Arb Waveform Gen/1-64M Wvfrm Lngth/6-16GS/s Interleave/...	\$165,890	\$67,100.00	59.55%
	Tektronix	AWG7122C/1/6/8	12GS/s 2CH 32M/CH Arb Waveform Gen/1-64M Wvfrm Lngth/6-24GS/s Interleave/8-Fast Seq Sw	\$208,190	\$68,750.00	66.98%
	Tektronix	AWG7122C/1/6/8/9	12GS/s 2CH 32M/CH Arb Waveform Gen/1-64M Wvfrm Lngth/6-24GS/s Interleave/8-Fast Seq Sw/9-Sub-seq/dynamic in	\$214,820	\$71,500.00	66.72%
				<b>List Price</b>	<b>Sale Price</b>	<b>% Off List Price</b>
<b>BER Testing</b>						
	Keysight Technologies	M8020A/P3	J-BERT Hi-Perf BERT/20ABU2-M9505A/U20 5 Slot Chassis/41A0A2-M8041A-0A2 2nd CH Analyzer/	\$437,000	\$383,900.00	12.15%
**	Keysight Technologies	M8061A/001/004/008/801/BU2	Multiplexer 2:1 with De-emphasis 28 Gb/s/001-Multiplex 2:1, 28 Gb/s/004-4-tap De-emphasis/	\$107,910	\$78,650.00	27.12%
	Keysight Technologies	N4877A/232/015	Clock Data Recovery & Demultiplexer/232- Maximum Bit Rate 32 Gb/s/015-N4915A-015 HB Pick-Off	\$65,397	\$43,450.00	33.56%
*	Keysight Technologies	N4903B-C13/...	150Mb/s to 12.5Gb/s Hi Perf Serial JBERT BERT/J10-Jitter Inject/J11-Spread Spect Clocking	\$285,958	\$88,000.00	69.23%
	Keysight Technologies	N4951B/H32	Pattern Generator Remote Head/H32-32Gbs High Amplitude	\$77,933	\$51,645.00	33.73%
	Keysight Technologies	N4952A/E32	Error Detector Remote Head/E32-32Gb/s Error Detector	\$72,700	\$46,750.00	35.69%
	Tektronix	BA1600	1.6Gb BERT Pattern Generator and Error Detector	\$61,900	\$30,250.00	51.13%
**	Tektronix	BSA260C/P1/R3/CASE	BERTScope 26.0 Gb/s Bit Error Ratio Analyzer/...	\$444,900	\$115,500.00	74.04%

PIM Testers						
	Anritsu	MW82119A-190/31	1900MHz PCS 40Watt Battery-operated PIM Analyzer/31-GPS Receiver	\$21,160	\$10,241.00	51.60%
	Anritsu	MW82119A-190/CASE	1900MHz PCS 40Watt Battery-operated PIM Analyzer/w CASE	\$21,200	\$10,260.80	51.60%
	Communication Components Inc	PIMPRO1921	1900MHz PCS and 2100MHz AWS PiMPro Analyzer 40Watt	\$19,900	\$6,567.00	67.00%
	Communication Components Inc	PIMPRO1921/CASE	1900MHz PCS and 2100MHz AWS PiMPro Analyzer 40Watt/CASE-Transit case	\$20,601	\$6,798.00	67.00%
	Communication Components Inc	PIMPRO1921LPC	1900MHz PCS and 2100MHz AWS PiMPro Analyzer with DAS testing	\$19,900	\$7,700.00	61.31%
	Communication Components Inc	PIMPRO1921LPC/CASE	1900MHz PCS and 2100MHz AWS PiMPro Analyzer with DAS testing /CASE-Transit case	\$20,601	\$7,898.00	61.66%
	Communication Components Inc	PIMPRO700	700MHz LTE PiMPro Analyzer	\$19,900	\$6,567.00	67.00%
	Communication Components Inc	PIMPRO700LPC	700MHz LTE PiMPro Analyzer with DAS testing	\$19,900	\$7,700.00	61.31%
	Communication Components Inc	PIMPRO700LPC/CASE	700MHz LTE PiMPro Analyzer with DAS testing/CASE-Transit case	\$20,601	\$7,898.00	61.66%
	Communication Components Inc	PIMPRO850LPC	850MHz PiMPro Analyzer with DAS testing	\$19,900	\$7,661.50	61.50%
	Communication Components Inc	PIMPRO850LPC/CASE	850MHz PiMPro Analyzer with DAS testing/ CASE-Transit case	\$20,601	\$7,931.00	61.50%
	Communication Components Inc	PIMPRO900E	900MHz EGSM PiMPro Analyzer 40Watt	\$19,900	\$7,700.00	61.31%
Manufacturer		Model	Description	List Price	Sale Price	% Off List Price
Wireless-Cable & Antenna Test						
	Anritsu	S332E/10	2MHz-4GHz Site Master Handheld Cable/Ant Anlyzr w SA/10-Bias Tee	\$11,915	\$7,471.20	37.30%
	Anritsu	S332E/10/21	2MHz-4GHz Site Master Handheld Cable/ Ant Anlyzr w SA/10-Bias Tee/21-2-Port trans measr	\$13,355	\$8,373.20	37.30%
	Anritsu	S332E/10/21/25/29	2MHz-4GHz Site Master Handheld Cable/ Ant Anlyzr w SA/10-Bias Tee/21-2-Port trans measr/25-Interface anlyzr/29-Power meter	\$16,400	\$10,282.80	37.30%
	Anritsu	S332E/10/21/29	2MHz-4GHz Site Master Handheld Cable/ Ant Anlyzr w SA/10-Bias Tee/21-2-Port trans measr/29-Power meter	\$14,595	\$9,150.90	37.30%
	Anritsu	S332E/10/29	2MHz-4GHz Site Master Handheld Cable/Ant Anlyzr w SA/10-Bias Tee/29-Power meter	\$13,155	\$8,247.80	37.30%

	Anritsu	S332E/28/29	2MHz-4GHz Site Master Handheld Cable/Ant Anlyzr w SA/28-CW Sig Gen/29-Power meter	\$13,155	\$8,247.80	37.30%
	Anritsu	S332E/29	2MHz-4GHz Site Master Handheld Cable/Ant Anlyzr w SA/29-Power meter	\$12,690	\$7,956.30	37.30%
**	Ascom, Inc.	TEMS/2360/2419/LTE/ UM	TEMS Investigation base software	\$52,445	\$17,157.80	67.28%
	Viavi Solutions (formerly JDSU)	W1314A-70	Indoor data collection module	\$10,665	\$2,860.00	73.18%
	Viavi Solutions (formerly JDSU)	W1314A-E03	8-Band Wireless Network Receiver for Drive- test	\$36,705	\$2,750.00	92.51%
	Viavi Solutions (formerly JDSU)	W1314A-E09	8-Band Wireless Network Receiver for Drive- test	\$36,705	\$6,050.00	83.52%
<b>Wireless-Datacomm</b>						
**	Viavi Solutions (formerly JDSU)	MTS5800-VZ-OC192- 10GE	Handheld Network Tester DS1 to OC192/...	\$61,418	\$7,610.90	87.61%
	Viavi Solutions (formerly JDSU)	MTS6000A-OC192-10GE-1	10GigE OC192 Dual Port Test Set 1310/1550nm	\$46,000	\$6,325.00	86.25%
	Viavi Solutions (formerly JDSU)	MTS6000A-OC192-10GE-1	10GigE OC192 Dual Port Test Set 1310/1550nm/TC-Transit Case PELI-1610	\$46,505	\$6,394.30	86.25%
**	Viavi Solutions (formerly JDSU)	MTS8000-C8575-V3	10G Optical Transport Module with PDH/T- Carrier Rates/...	\$81,355	\$8,349.00	89.74%
	Viavi Solutions (formerly JDSU)	ONT506-100G-40G	100GE/40GE Optical Network Tester	\$503,085	\$50,600.00	89.94%
	Viavi Solutions (formerly JDSU)	ONT603D-10G-JITTER-P1	ONT 10GE Jitter Test Set	\$203,310	\$60,500.00	70.24%
<b>Wireless-Optical</b>						
	Viavi Solutions (formerly JDSU)	MTS8000-OSA-500	OSA Single Port Ultra-Hi Perf Module 1250nm-1650nm	\$26,605	\$5,267.90	80.20%
	Viavi Solutions (formerly JDSU)	MTS8000-OSA-500/ TB8000B	OSA Single Port Ultra-Hi Perf Module 1250nm-1650nm/TB8000B-MTS8000BT Mainframe w/Bat	\$32,545	\$6,443.80	80.20%