



OSCILLATOR-POWER-SUPPLY COMBINATIONS FOR FREQUENCIES FROM 0.5 Mc/s TO 2 Gc/s

General Radio high-frequency oscillators are compact, low-priced power sources, which provide continuous coverage from 500 kc/s to 2000 Mc/s with single-dial control and output in the order of several hundred milliwatts. Tuning ranges of a simple oscillator range from slightly over an octave at the highest frequencies to 100:1 at the lowest. In conjunction with one of the companion group of power supplies, any oscillator becomes a complete signal source with characteristics adapted to the customer's application. By appropriate choice of power supply, the oscillator can deliver (1) maximum power, (2) optimum frequency stability with minimum residual fm and a-m, (3) pulse- and square-wave-modulated output, (4) amplitude-regulated output for sweeping applications, or can be incorporated into a heterodyne detector system. Power supplies and oscillators are designed for semi-permanent attachment for bench use or relay-rack mounting.

Each possible operable combination has now been assigned an individual

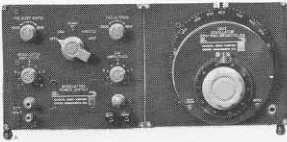
type number to simplify selection and ordering.

Both bench- and rack-mount combinations are available. The rack-mounted combinations include panel extensions, necessary to convert the bench-mount instruments for rack mounting, and a coaxial cable, which permits the user to have the rf output available at either front panel or rear.

Combinations originally purchased for bench mounting can subsequently be converted for rack mounting by means of rack-adaptor kits, which are also available separately. Conversely, conversion from rack to bench is accomplished simply by removal of the panel extensions. Bench models have output at rear, except for TYPE 1361-A, which has its output jack on the front panel. The output connector is a locking GR874, to which adaptors to other types are easily attached. All adaptors lock securely in place and are neat in appearance since they protrude little further than would a standard panel jack of similar connector series. The locking-type adaptors in the table below are recommended.

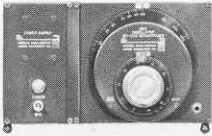
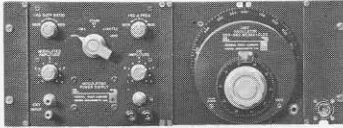
Adaptor to	Type Number	Contains GR874 and . . .	Connects GR874 to . . .	Net Weight	Catalog Number	Price in USA
Type BNC	874-QBJL	BNC Jack	BNC Plug	1½ oz (45 g)	0874-9701	\$5.75
Type C	874-QCJL	C Jack	C Plug	2 oz (60 g)	0874-9703	8.50
Microdot	874-QMDJL	Microdot Jack	Microdot Plug	1½ oz (45 g)	0874-9721	11.00
Type N	874-QNJL	N Jack	N Plug	2 oz (60 g)	0874-9711	6.00
	874-QNPL	N Plug	N Jack	2¼ oz (70 g)	0874-9811	6.50
Type	874-QMMJL	OSM/BRM Jack*	OSM/BRM Plug	1½ oz (45 g)	0874-9723	12.00
OSM/BRM	874-QMMPJL	OSM/BRM Plug*	OSM/BRM Jack	1½ oz (45 g)	0874-9823	12.00
Type SC	874-QSCJL	SC Jack	SC Plug (Sandia)	2 oz (60 g)	0874-9713	11.00
Type TNC	874-QTNJL	TNC Jack	TNC Plug	1½ oz (45 g)	0874-9717	9.50

*Mates also with NPM and STM.



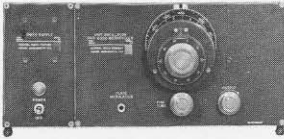
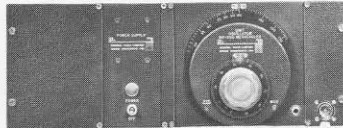
(Left) Type 1209-C4; Types 1209-CL4, 1215-C4, 1361-A4, 1211-C3, 1215-C3, 1209-CL3, 1209-C3 and 1361-A3 are similar in appearance.

(Right) Rack-mount version (Type 1209-C4R) of the combination shown above.



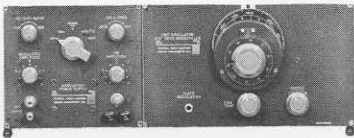
(Left) Type 1215-C9; similar in appearance are Types 1211-C9, 1211-C7, 1215-C7, 1208-C7, 1208-C9, 1209-CL7, 1209-CL9, 1209-C7, 1209-C9, 1361-A7, and 1361-A9.

(Right) Rack-mount version (Type 1215-C9R) of the combination shown above.



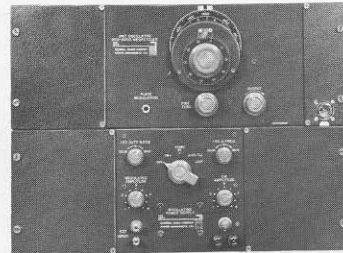
(Left) Type 1218-B9; Type 1218-B7 is similar.

(Right) Type 1218-B9R; Type 1218-B7R is similar.



(Left) Type 1218-B4; Type 1218-B3 is similar.

(Right) Type 1218-B4R; Type 1218-B3R is similar.



Frequency Range and (Oscillator Type)	Performance → (Power Supply Type)	
	Input Line Voltage	
500 kc/s-50 Mc/s (Type 1211-C)	Bench Mount	Catalog No. Type Price in USA
	Rack Mount	Catalog No. Type Price in USA
50-250 Mc/s (Type 1215-C)	Bench Mount	Catalog No. Type Price in USA
	Rack Mount	Catalog No. Type Price in USA
65-500 Mc/s (Type 1208-C)	Bench Mount	Catalog No. Type Price in USA
	Rack Mount	Catalog No. Type Price in USA
180-600 Mc/s (Type 1209-CL)	Bench Mount	Catalog No. Type Price in USA
	Rack Mount	Catalog No. Type Price in USA
250-960 Mc/s (Type 1209-C)	Bench Mount	Catalog No. Type Price in USA
	Rack Mount	Catalog No. Type Price in USA
450-1050 Mc/s (Type 1361-A)	Bench Mount	Catalog No. Type Price in USA
	Rack Mount	Catalog No. Type Price in USA
900-2000 Mc/s (Type 1218-B)	Bench Mount	Catalog No. Type Price in USA
	Rack Mount	Catalog No. Type Price in USA



<i>Maximum power; lowest cost</i>	<i>Ultimate cw stability; very low residual fm</i>		<i>Stable cw; 100% square-wave & pulse modulation; internal 1-kc square-wave</i>	<i>Amplitude-leveled output behind 50-Ω source impedance; metered output level; 1-kc square-wave modulation, or cw</i>
	(1267-A)	(1267-AQ18)		
105 to 125 V or 195 to 250 V	105 to 125 V	195 to 250 V	105 to 125 V or 210 to 250 V	105 to 125 V or 210 to 250 V
1211-9439 1211-C9 \$415.00	1211-9437 1211-C7 \$510.00	1211-9438 1211-C7Q18 on request	Not Available	1211-9433 1211-C3 \$765.00
1211-9579 1211-C9R \$435.00	1211-9577 1211-C7R \$530.00	1211-9578 1211-C7RQ18 on request		1211-9573 1211-C3R \$786.00
1215-9439 1215-C9 \$300.00	1215-9437 1215-C7 \$395.00	1215-9438 1215-C7Q18 on request	1215-9434 1215-C4 \$525.00	1215-9433 1215-C3 \$650.00
1215-9579 1215-C9R \$320.00	1215-9577 1215-C7R \$415.00	1215-9578 1215-C7RQ18 on request	1215-9574 1215-C4R \$546.00	1215-9573 1215-C3R \$671.00
1208-9439 1208-C9 \$340.00	1208-9437 1208-C7 \$435.00	1208-9438 1208-C7Q18 on request	Not Available	Not Available
1208-9579 1208-C9R \$360.00	1208-9577 1208-C7R \$455.00	1208-9578 1208-C7RQ18 on request		Available
1209-9539 1209-CL9 \$375.00	1209-9537 1209-CL7 \$470.00	1209-9538 1209-CL7Q18 on request	1209-9534 1209-CL4 \$600.00	1209-9533 1209-CL3 \$725.00
1209-9589 1209-CL9R \$395.00	1209-9587 1209-CL7R \$490.00	1209-9588 1209-CL7RQ18 on request	1209-9584 1209-CL4R \$621.00	1209-9583 1209-CL3R \$746.00
1209-9439 1209-C9 \$375.00	1209-9437 1209-C7 \$470.00	1209-9438 1209-C7Q18 on request	1209-9434 1209-C4 \$600.00	1209-9433 1209-C3 \$725.00
1209-9579 1209-C9R \$395.00	1209-9577 1209-C7R \$490.00	1209-9578 1209-C7RQ18 on request	1209-9574 1209-C4R \$621.00	1209-9573 1209-C3R \$746.00
1361-9419 1361-A9 \$375.00	1361-9417 1361-A7 \$470.00	1361-9418 1361-A7Q18 on request	1361-9414 1361-A4 \$585.00	1361-9413 1361-A3 \$725.00
1361-9509 1361-A9R \$395.00	1361-9507 1361-A7R \$490.00	1361-9508 1361-A7RQ18 on request	1361-9504 1361-A4R \$606.00	1361-9503 1361-A3R \$746.00
1218-9429 1218-B9 \$540.00	1218-9427 1218-B7 \$635.00	1218-9428 1218-B7Q18 on request	1218-9424 1218-B4 \$750.00	1218-9423 1218-B3 \$890.00
1218-9549 1218-B9R \$561.00	1218-9547 1218-B7R \$656.00	1218-9548 1218-B7RQ18 on request	1218-9544 1218-B4R \$774.00	1218-9543 1218-B3R \$914.00