

RADIO FREQUENCY CHOKES

Single Pi Ferrite Core R.F. Chokes

This series of single pi R.F. Chokes affords maximum Q with minimum resistance through the use of ferrite core material. The coils are impregnated in a fungus resistant lacquer. Form Dimensions .187 x 3/8"

Part Number	L ± 5%	Min. Q at Freq. kc.	Min. fo Mc	Max. R Ohms	Approx. Coil Dia.	Max. Ma.
73F104AF	100 uh	140 @ 790	7.7	2.0	17/64	250
73F124AF	120 uh	140 @ 790	7.0	2.2	17/64	250
73F154AF	150 uh	160 @ 790	6.3	2.5	17/64	250
73F184AF	180 uh	160 @ 790	6.0	2.9	9/32	250
73F224AF	220 uh	160 @ 790	5.6	3.2	19/64	250
73F274AF	270 uh	160 @ 790	5.1	3.6	19/64	250
73F334AF	330 uh	160 @ 790	4.8	3.8	5/16	250
73F394AF	390 uh	160 @ 790	4.4	4.2	21/64	225
73F474AF	470 uh	160 @ 790	3.9	4.8	21/64	200
73F564AF	560 uh	160 @ 790	3.6	5.3	11/32	200
73F684AF	680 uh	160 @ 790	3.4	6.0	23/64	200
73F824AF	820 uh	150 @ 790	3.1	6.8	3/8	200
73F103AF	1.0 mh	140 @ 790	2.6	7.5	13/32	150
73F123AF	1.2 mh	140 @ 250	2.2	7.8	31/64	150
73F153AF	1.5 mh	140 @ 250	2.0	8.8	33/64	150
73F183AF	1.8 mh	140 @ 250	1.8	11.0	35/64	150
73F223AF	2.2 mh	100 @ 250	1.5	12.0	3/8	150
73F273AF	2.7 mh	100 @ 250	1.4	13.5	13/32	125
73F333AF	3.3 mh	100 @ 250	1.3	15.1	7/16	125
73F393AF	3.9 mh	95 @ 250	1.2	18.0	29/64	125
73F473AF	4.7 mh	95 @ 250	1.0	21.5	15/32	100
73F563AF	5.6 mh	95 @ 250	1.0	25.0	1/2	80
73F683AF	6.8 mh	95 @ 250	.90	29.0	17/32	80
73F823AF	8.2 mh	70 @ 250	.91	30.0	31/64	80
73F102AF	10.0 mh	65 @ 250	.85	34.0	33/64	80

Single Layer Color Coded R.F. Chokes

The following solenoid wound R.F. Chokes are impregnated with a thermosetting varnish and are color coded to EIA standards. Form Dimensions .156 x 1/2"

Part No.	L *	Min. Q @ F	Min. Fo. Mc.	R Ohms Max.	I Ma. Max.	Core Material
74F106AP	1.0 uh	45 @ 7.9 Mc	238	.20	1000	Phenolic
74F126AP	1.2 uh	45 @ 7.9 Mc	218	.22	950	Phenolic
74F156AP	1.5 uh	45 @ 7.9 Mc	200	.25	900	Phenolic
74F186AP	1.8 uh	45 @ 7.9 Mc	180	.28	850	Phenolic
74F226AP	2.2 uh	45 @ 7.9 Mc	165	.30	800	Phenolic
74F276AP	2.7 uh	45 @ 7.9 Mc	149	.50	700	Phenolic
74F336AP	3.3 uh	45 @ 7.9 Mc	136	.70	600	Phenolic
74F396AP	3.9 uh	45 @ 7.9 Mc	127	.80	500	Phenolic
74F476AP	4.7 uh	50 @ 7.9 Mc	114	1.00	400	Phenolic
74F566AP	5.6 uh	50 @ 7.9 Mc	104	1.80	350	Phenolic
74F686AP	6.8 uh	50 @ 7.9 Mc	94.8	1.85	300	Phenolic
74F826AP	8.2 uh	50 @ 7.9 Mc	86.1	1.90	275	Phenolic
74F105AP	10 uh	50 @ 7.9 Mc	78.5	3.00	250	Phenolic
74F125AP	12 uh	30 @ 2.5 Mc	71.6	3.60	200	Phenolic
74F155AP	15 uh	30 @ 2.5 Mc	63.9	6.00	150	Phenolic
74F185AP	18 uh	30 @ 2.5 Mc	57.5	7.50	100	Phenolic
74F225AI	22 uh	85 @ 2.5 Mc	36.1	2.00	500	Iron
74F275AI	27 uh	80 @ 2.5 Mc	33.2	1.85	450	Iron
74F335AI	33 uh	80 @ 2.5 Mc	30.6	2.00	450	Iron
74F395AI	39 uh	90 @ 2.5 Mc	26.6	2.60	400	Iron
74F475AI	47 uh	90 @ 2.5 Mc	24.9	3.50	350	Iron
74F565AI	56 uh	90 @ 2.5 Mc	23.6	3.75	300	Iron
74F685AI	68 uh	90 @ 2.5 Mc	21.6	4.00	250	Iron
74F825AI	82 uh	100 @ 2.5 Mc	19.0	5.10	200	Iron
74F104AI	100 uh	100 @ 2.5 Mc	17.8	6.00	150	Iron

Tolerances and Color Code

L uH	Color Code
1.0	Brwn-Black-Gold
1.2	Brwn-Red-Gold
1.5	Brwn-Grn-Gold
1.8	Brwn-Gray-Gold
2.2	Red-Red-Gold
2.7	Red-Violet-Gold
3.3	Ornge-Ornge-Gold
3.9	Ornge-White-Gold
4.7	Yellow-Violet-Gold
5.6	Grn-Blue-Gold
6.8	Blue-Gray-Gold
8.2	Gray-Red-Gold
10.0	Brwn-Black-Black

[Applies to 74F Series only]

L uH	Color Code
12.0	Brwn-Red-Black
15.0	Brwn-Grn-Black
18.0	Brwn-Gray-Black
22.0	Red-Red-Black
27.0	Red-Violet-Black
33.0	Ornge-Ornge-Black
39.0	Ornge-White-Black
47.0	Yellow-Violet-Black
56.0	Grn-Blue-Black
68.0	Blue-Gray-Black
82.0	Gray-Red-Black
100.0	Brwn-Black-Brwn

*Tolerance 1.0 to 2.2 uH ± 20 %, 2.7 to 100 uH ± 10 %

Single Pi R.F. Chokes

A series of Single Pi R.F. Chokes wound on phenolic forms with axial leads. They are rated at 250 ma. maximum current and are thoroughly impregnated with a moisture and fungus resistant varnish.

Part No.	L ± 5%	Q Min.	Min. Fo. MHz	Ohms Max.	Dia. ± 1/32"
72F105AP	10 uH	23 @ 2.5 MHz	13	1.58	7/32
72F125AP	12 uH	21 @ 2.5 MHz	12	1.69	7/32
72F155AP	15 uH	20 @ 2.5 MHz	11	1.85	15/64
72F185AP	18 uH	20 @ 2.5 MHz	9.8	2.08	15/64
72F225AP	22 uH	18 @ 2.5 MHz	9.6	2.28	15/64
72F275AP	27 uH	17 @ 2.5 MHz	8.9	2.54	1/4
72F335AP	33 uH	16 @ 2.5 MHz	8.1	2.87	1/4
72F395AP	39 uH	15 @ 2.5 MHz	7.5	3.14	1/4
72F475AP	47 uH	14 @ 2.5 MHz	7.2	3.43	1/4
72F565AP	56 uH	13 @ 2.5 MHz	6.5	3.72	17/64
72F685AP	68 uH	12 @ 2.5 MHz	6.1	4.20	17/64
72F825AP	82 uH	12 @ 2.5 MHz	5.8	4.44	9/32
72F104AP	100 uH	20 @ 790 kHz	5.3	5.16	9/32
72F124AP	120 uH	19 @ 790 kHz	5.0	5.64	19/64
72F154AP	150 uH	18 @ 790 kHz	4.6	6.36	5/16
72F184AP	180 uH	17 @ 790 kHz	4.3	7.02	21/64
72F224AP	220 uH	17 @ 790 kHz	4.0	7.91	11/32
72F274AP	270 uH	16 @ 790 kHz	3.5	8.94	11/32
72F334AP	330 uH	16 @ 790 kHz	3.3	9.96	23/64
72F394AP	390 uH	16 @ 790 kHz	3.1	10.9	3/8
72F474AP	470 uH	15 @ 790 kHz	2.9	12.0	3/8
72F564AP	560 uH	14 @ 790 kHz	2.6	13.2	3/8
72F684AP	680 uH	14 @ 790 kHz	2.4	14.6	25/64
72F824AP	820 uH	13 @ 790 kHz	2.2	16.1	13/32
72F103AP	1000 uH	28 @ 250 kHz	1.9	19.1	27/64



Video Peaking Coils

All are Video Peaking Coils 3/8" in length, except 6175 which is a Filament Choke 7/8" long.

† Wound on 22K resistor

* Wound on 39K resistor

A resistor in parallel with the other coils will have the same result as that coil being wound on a resistor.

Part No.	L uH	Q Min. @ F1 kHz	Min. Fo. MHz	R ohms Max.	O.D. Max.	I Max. mA
6175	0.8	82 @ 8500	183.0	.021	3/8	2000
6152	20	26 @ 1779	21.2	2.94	7/16	75
6176	36	21 @ 1325	12.88	2.81	13/32	100
6110	60	22 @ 1027	10.25	3.74	3/8	100
6172	73	22 @ 931	9.52	4.11	13/32	100
6177	93	23 @ 825	8.72	4.68	13/32	100
6112	100	23 @ 795	8.4	4.93	13/32	100
6178†	120	15 @ 726	8.64	5.8	7/16	100
6153	120	29 @ 726	6.96	8.53	3/8	75
6120	155	30 @ 639	6.35	9.37	13/32	75
6179*	180	20 @ 593	6.88	10.8	13/32	75
6180	180	30 @ 593	6.08	10.16	13/32	75
6154	200	31 @ 562	5.68	11.04	13/32	75
6173†	250	16 @ 503	5.76	12.73	13/32	75
6181	250	32 @ 503	5.2	12.7	7/16	75
6130	275	32 @ 480	4.96	13.2	7/16	75
6155	300	32 @ 459	4.8	13.8	7/16	75
6132	330	33 @ 438	4.64	14.45	7/16	75
6134	375	33 @ 411	4.36	15.6	15/32	75
6136	420	32 @ 388	4.16	16.72	15/32	75
6138	470	33 @ 367	4.0	17.9	17/32	75
6174	500	33 @ 356	3.92	18.7	15/32	75
6144	550	34 @ 339	3.68	19.9	1/2	75
6146	600	34 @ 325	3.52	20.6	9/16	75
6148	700	34 @ 301	3.29	22.9	17/32	75
6156	800	35 @ 281	3.06	24.7	17/32	75
6157	950	35 @ 258	2.82	27.6	19/32	75

UNLISTED R.F. REPLACEMENTS ARE AVAILABLE

CAN'T FIND YOUR REQUIREMENTS IN THE CATALOG?

PLEASE CONTACT US. TELL US WHAT YOU NEED. CHANCES ARE WE CAN SUPPLY IT.

YOU ARE ASSURED OF MILLER PROMPT SERVICE!