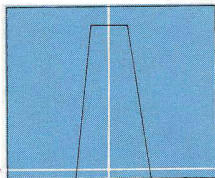


Collins Mechanical Filters

Collins Radio Company offers a wide selection of Mechanical Filters in three basic types:
Symmetrical Bandpass, Single Sideband, and Voice Multiplex Sideband.



Symmetrical Bandpass

This table lists Collins *standard* symmetrical bandpass Mechanical Filter designs. Case styles are described on pages 13-14. For special designs to your

specifications, contact your nearest Collins Engineering Sales Representative or Collins Radio Company, Newport Beach, Calif. 92663. Phone 714-833-0600.

Center Frequency (kHz)	Type	Part Number	Nominal Bandwidth (kHz)	Maximum Bandwidth (kHz @ 60 dB)	Case Style
142 200	F142Y-15 F200A-10/30	526-9566-001 526-9098-000	1.5 @ 6 dB 1.0 @ 6 dB 3.0 @ 6 dB	3.75 3.00 6.90	Y-3 (Special Dual)
200 200	F200L-10 F200L-10A	526-9409-000 526-9520-001	1.0 @ 6 dB 1.0 @ 6 dB	3.0 3.0	K (special) K (special)
200 200 205 235 245.0	F200Y-23 F200Y-60 F205Y-23 F235Y-80R F245Q-1	526-9567-001 526-9487-000 526-9568-001 526-9557-001 526-9345-000	2.0 @ 3 dB 6.0 @ 6 dB 2.0 @ 3 dB 8.0 @ 3 dB 0.5 @ 3 dB	4.8 13.0 4.8 20.0 (@ 40 dB) 1.5 (@ 50 dB)	Y-2.8 Y (long) Y-2.8 F H (special)
245.5 250 250 250 250	F245Q-2 F250Q-1 F250Q-07 F250A-20 F250C-27	526-9346-000 526-9347-000 526-9484-000 526-9012-00 526-9514-001	0.5 @ 3 dB 0.5 @ 3 dB 0.7 @ 6 dB 2.0 @ 6 dB 2.7 @ 6 dB	1.5 (@ 50 dB) 1.5 (@ 50 dB) 2.5 4.3 4.5 (@ 40 dB)	H (special) H (special) H (special) C C
250 250 250 250 250	F250Z-3 F250X-4 F250A-67 F250F-80R F205A-85	526-9080-000 526-9218-000 526-9039-000 526-9558-001 526-9049-000	2.7 @ 6 dB 2.85 @ 3 dB 6.7 @ 6 dB 8.0 @ 3 dB 8.5 @ 6 dB	4.5 (@ 40 dB) 6.0 (@ 65 dB) 14.0 20.0 (@ 40 dB) 18.0	K (special) L-3 3/8 C F C
250 265 300 300 300	F250F-100 F265F-80R F300K-05 F300C-68 F300X-68	526-9410-000 526-9559-001 526-9589-010 526-9477-00 526-9307-00	10.0 @ 6 dB 8.0 @ 3 dB 0.5 @ 6 dB 6.5 @ 6 dB 6.5 @ 6 dB	20.0 (@ 40 dB) 20.0 (@ 40 dB) 1.1 10.8 10.8	F F K C L (special)
450 452 453 455 455	F450Y-60 F452FA-21 F453Q-06 F455E-05 F455F-05	526-9643-010 526-9628-010 526-9627-010 526-9321-00 526-9318-00	6.0 @ 6 dB 2.1 @ 6 dB 0.7 @ 12 dB 0.5 @ 6 dB 0.5 @ 6 dB	26.0 5.3 N/A 2.5 2.5	Y FA Y-3 1/4 E F
455 455 455 455 455	F455FA-05 F455H-05 F455J-05 F455K-05 F455M-05	526-9494-00 526-9229-00 526-9154-00 526-9228-00 526-9614-010	0.5 @ 6 dB 0.5 @ 3 dB 0.5 @ 3 dB 0.5 @ 3 dB 0.54 @ 3 dB	2.5 2.5 2.5 2.5 3.4	FA H J K M
455 455 455 455 455	F455Q-5 F455Q-8 F455Y-05 F455FB-05 F455F-08	526-9367-00 526-9393-00 526-9521-001 526-9530-001 526-9085-00	0.5 @ 6 dB 0.5 @ 6 dB 0.5 @ 6 dB 0.54 @ 3 dB 0.8 @ 6 dB	2.5 2.5 3.0 3.1 2.0	L-2-29/32 J Y (long) FA F
455 455 455 455 455	F455FA-08 F455J-08 F455F-085 F455E-15 F455E-15S	526-9446-00 526-9090-00 526-9610-010 526-9370-00 526-9571-010	0.8 @ 6 dB 0.8 @ 6 dB 0.850 @ 6 dB 1.5 @ 6 dB 1.5 @ 6 dB	4.0 2.6 4.5 3.5 18.0	FA J F E E
455 455 455 455 455	F455F-15 F455FA-15 F455H-15 F455J-15 F455K-15	526-9227-00 526-9495-00 526-9170-00 526-9155-00 526-9168-00	1.5 @ 6 dB 1.5 @ 6 dB 1.5 @ 6 dB 1.5 @ 6 dB 1.5 @ 6 dB	3.5 3.5 3.5 3.5 3.5	F FA H J K
455 455 455 455 455	F455Q-6 F455Y-15F F455NL-20 F455Q-2 F455E-21	526-9379-00 526-9638-010 526-9562-001 526-9309-00 526-9322-00	1.5 @ 6 dB 1.5 @ 6 dB 2.2 @ 6 dB 2.0 @ 6 dB 2.1 @ 6 dB	3.5 3.5 11.5 5.6 5.3	J (short) Y K (special) Y E

(continued)