

FILTERS

BANDPASS



LEADLESS SURFACE-MOUNT MODELS

CENTER FREQUENCY (MHz)	INSERTION LOSS (dB) Max	PASSBAND (MHz)	20 dB BANDWIDTH (MHz)	40 dB BANDWIDTH (MHz)	PACKAGE	PIN-OUT (See Below)	MODEL
10.7	1.5	9.80 - 11.6	7.49 - 13.9	3.40 - 32.1	102S	1	FIS-10.7
21.4	1.5	19.6 - 23.2	14.9 - 27.8	6.80 - 64.2	102S	1	FIS-21.4
30.0	1.5	27.5 - 32.5	21.0 - 39.0	9.30 - 90.0	102S	1	FIS-30
45.0	1.5	41.2 - 48.8	31.5 - 58.5	13.0 - 135	102S	1	FIS-45
50.0	1.5	45.8 - 54.3	35.0 - 65.0	15.8 - 150	102S	1	FIS-50
60.0	1.5	54.9 - 65.1	42.0 - 78.0	19.0 - 180	102S	1	FIS-60
70.0	1.5	64.0 - 75.9	49.0 - 91.0	20.3 - 210	102S	1	FIS-70
100	1.5	91.5 - 108.5	70.0 - 130	30.3 - 300	102S	1	FIS-100
120	1.5	109.8 - 130.2	84.0 - 156	36.0 - 360	102S	1	FIS-120
140	1.5	128.1 - 151.9	98.0 - 182	42.7 - 420	102S	1	FIS-140



8 PIN - RELAY HEADER

CENTER FREQUENCY (MHz)	INSERTION LOSS (dB) Max	PASSBAND (MHz)	20 dB BANDWIDTH (MHz)	40 dB BANDWIDTH (MHz)	PACKAGE	PIN-OUT (See Below)	MODEL
10.7	1.5	9.80 - 11.6	7.49 - 13.9	3.40 - 32.1	102	1	FIP-10.7
21.4	1.5	19.6 - 23.2	14.9 - 27.8	6.80 - 64.2	102	1	FIP-21.4
30.0	1.5	27.5 - 32.5	21.0 - 39.0	9.30 - 90.0	102	1	FIP-30
45.0	1.5	41.2 - 48.8	31.5 - 58.5	13.0 - 135	102	1	FIP-45
50.0	1.5	45.8 - 54.3	35.0 - 65.0	15.8 - 150	102	1	FIP-50
60.0	1.5	54.9 - 65.1	42.0 - 78.0	19.0 - 180	102	1	FIP-60
70.0	1.5	64.0 - 75.9	49.0 - 91.0	20.3 - 210	102	1	FIP-70
100	1.5	91.5 - 108.5	70.0 - 130	30.3 - 300	102	1	FIP-100
120	1.5	109.8 - 130.2	84.0 - 156	36.0 - 360	102	1	FIP-120
140	1.5	128.1 - 151.9	98.0 - 182	42.7 - 420	102	1	FIP-140

NOTE: All units meet or exceed applicable MIL-F-18327.
For other frequencies and impedances please contact us.
Impedance is 50 Ohms for all models.

For pin location and package outline drawings, see backpages.

PIN-OUT TABLE

INPUT	OUTPUT	CASE GROUND
1	8	All Other