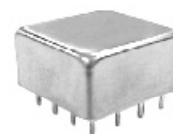


FILTERS

BANDPASS

24 PIN - THROUGH HOLE MOUNT

HIGH SUPPRESSION



Fc (MHz)	LOSS (dB)	1 dB RIPPLE BW (MHz)	20 dB BW (MHz)	40 dB BW (MHz) (50dB on low end)	PACKAGE	PIN-OUT (See Below)	MODEL
10.7	3.5	0.5	9.63-11.8	8.5-12.85	124	1	FBP-11
21.4	3.5	1.0	19.26-23.6	17-25.70	124	1	FBP-21
30.0	3.5	1.5	27-33	24-36	124	1	FBP-30
45.0	3.5	2.2	40-50	35-56	124	1	FBP-45
50.0	4.0	2.5	45-56	40-62	124	1	FBP-50
60.0	4.0	3.0	54-67	48-74	124	1	FBP-60
70.0	4.6	3.5	63-77	56-86	124	1	FBP-70
140	5.0	8.0	125-160	110-175	124	1	FBP-140
200	6.0	12.0	180-230	155-250	124	1	FBP-200

NOTE: All units meet or exceed applicable MIL-F-18327.
For other frequencies, please contact Synergy directly.

LEADLESS SURFACE-MOUNT MODELS

HIGH SUPPRESSION



Fc (MHz)	LOSS (dB)	1 dB RIPPLE BW (MHz)	20 dB BW (MHz)	40 dB BW (MHz) (50dB on low end)	PACKAGE	PIN-OUT (See Below)	MODEL
10.7	3.5	0.5	9.63-11.8	8.5-12.85	124S	1	FBS-11
21.4	3.5	1.0	19.26-23.6	17-25.70	124S	1	FBS-21
30.0	3.5	1.5	27-33	24-36	124S	1	FBS-30
45.0	3.5	2.2	40-50	35-56	124S	1	FBS-45
50.0	4.0	2.5	45-56	40-62	124S	1	FBS-50
60.0	4.0	3.0	54-67	48-74	124S	1	FBS-60
70.0	4.6	3.5	63-77	56-86	124S	1	FBS-70
140	5.0	8.0	125-160	110-175	124S	1	FBS-140
200	6.0	12.0	180-230	155-250	124S	1	FBS-200

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	16	All Other