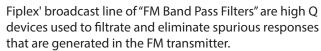
## **Product Features**

- Low cost
- · High selectivity
- · Low insertion loss
- Good return loss

## **Applications**

• FM



FBFM Series utilize passivated aluminum cavities, with silver plated resonant elements, to ensure long time durability and low incidental Insertion Loss.

As tuning control, INVAR rods are employed to achieve thermal stability.

From one to six cavities models are available, depending on the filtering requirements.

Mounting Frame is provided with thermal converted paint.









Specification	Value
Type	FM Band Pass Filter
Frequency	88 – 108 MHz
Frequency, BW	F0 +/- 100 KHz
Max. Power	See table below
Insertion Loss	See table below
Rejection	See table below
Impedance	50 Ω

See table below

20 dB min

Connectors

Return Loss

Specification

Frequency range

Maximum Power

Number of cavities

Insertion Loss at Fo

Value (2 cavities)

88 - 108

500 W

0.25 dB

2

	0.15 0.5	0.25 db
Insertion Loss at BW	0.25 dB	0.35 dB
Rejection +/- 3MHz Fo	12 dB	28 dB
Connectors	N(f); DIN 71/6	N(f); DIN 71/6
Frequency range	88 – 108	88 – 108
Number of cavities	1	2
Maximum Power	1 KW	1 KW
Insertion Loss at Fo	0.15 dB	0.25 dB
Insertion Loss at BW	0.25 dB	0.35 dB
Rejection +/- 3MHz Fo	12 dB	28 dB
Connectors	EIA 7/8	EIA 7/8
Frequency range	88 – 108	88 – 108
Number of cavities	1	2
Maximum Power	5 KW	5 KW
nsertion Loss at Fo	0.15 dB	0.25 dB
nsertion Loss at BW	0.25 dB	0.35 dB
Rejection +/- 3MHz Fo	12 dB	28 dB
Connectors	EIA 1 5/8	EIA 1 5/8
Frequency range	88 – 108	88 – 108
Number of cavities	1	2
Maximum Power	10 KW	10 KW
nsertion Loss at Fo	0.15 dB	0.25 dB
nsertion Loss at BW	0.20 dB	0.35 dB
Rejection +/- 3MHz Fo	12 dB	28 dB
nejection if Similard	EIA 3 1/8	EIA 3 1/8

Value (1 cavity)

88 - 108

500 W

0.15 dB

1