

4-SECTION FM BANDPASS FILTERS IN 2, 5, 10 or 20 kW



P-Cube, Inc's FM bandpass filters are a cost-effective way to satisfy your station's filtering needs. Low insertion loss and high rejection make them the best choice for cost-conscious stations. The filters are available in 3 or 4 sections, depending upon your filtering requirements. These high-quality filters are designed for bandpass protection at sites requiring additional protection or for combining two or more stations.

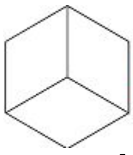
P-Cube's dedicated staff will help you choose the correct filter for your application. Call or email us with your requirements.

FEATURES

- Light-weight aluminum construction
- Temperature-compensated resonators
- Also available in 3-section versions
- Cross-coupled and non-cross-coupled
- Constant impedance versions also available
- Ideal for use in combiners
- Field-tunable.

4-SECTION SPECIFICATIONS

INPUT VSWR:	1.08 : 1 over Fc +/- 200 kHz
GROUP DELAY:	
INSERTION LOSS: 2 kW 5 kW 10 kW 20 kW	0.8 dB typ. over Fc +/- 200 kHz 0.7 dB typ. over Fc +/- 200 kHz 0.5 dB typ. over Fc +/- 200 kHz 0.3 dB typ. over Fc +/- 200 kHz
ATTENUATION	10 dB at Fc +/- 1.0 MHz
CONNECTORS 2 kW 5 kW 10 kW 20 kW	7-16 DIN, 7/8", 1-5/8" 1-5/8", 3-1/8" 1-5/8", 3-1/8" 3-1/8", 4-1/16"
DIMENSIONS 2 kW 5 kW 10 kW 20 kW	Approx. 13"x 13"x 42-60" Approx. 22"x 22"x 42-60" Approx. 33"x 33"x 42-60" Approx. 42"x 42"x 42-60"
WEIGHT: 2 kW 5 kW 10 kW 20 kW	Approx. 90 lbs Approx. 160 lbs. Approx. 320 lbs. Approx 525 lbs.



4-SECTION FM BANDPASS FILTER SPECIFICATIONS

2 kW SPECIFICATIONS

INPUT VSWR	1.08 : 1 over Fc ±200 kHz
GROUP DELAY	< 100 nsec ±200 kHz
INSERTION LOSS	0.8 dB typ. over Fc ±200 kHz
ATTENUATION	10 dB at Fc ±1.0 MHz
CONNECTORS	7-16 DIN , 7/8" , or 1-5/8"
DIMENSIONS	Approx. 6" x 25 " x 42-60"
WEIGHT	85 lbs est.

5 kW SPECIFICATIONS

INPUT VSWR	1.08 : 1 over Fc ±200 kHz
GROUP DELAY	< 100 nsec ±200 kHz
INSERTION LOSS	0.7 dB typ. over Fc ±200 kHz
ATTENUATION	10 dB at Fc ±1.0 MHz
CONNECTORS	1-5/8" or 3-1/8"
DIMENSIONS	Approx. 10" x 31" x 42-60"
WEIGHT	160 lbs est.

10 kW SPECIFICATIONS

INPUT VSWR	1.08 : 1 over Fc ±200 kHz
GROUP DELAY	< 100 nsec ±200 kHz
INSERTION LOSS	0.5 dB typ. over Fc ±200 kHz
ATTENUATION	10 dB at Fc ±1.0 MHz
CONNECTORS	1-5/8" or 3-1/8"
DIMENSIONS	Approx. 16" x 65 " x 42-60"
WEIGHT	320 lbs est.

20 kW SPECIFICATIONS

INPUT VSWR	1.08 : 1 over Fc ±200 kHz
GROUP DELAY	< 100 nsec ±200 kHz
INSERTION LOSS	0.5 dB typ. over Fc ±200 kHz
ATTENUATION	10 dB at Fc ±1.0 MHz
CONNECTORS	3-1/8" or 4-1/16"
DIMENSIONS	Approx. 20" x 81 " x 42-60"
WEIGHT	525 lbs est.