



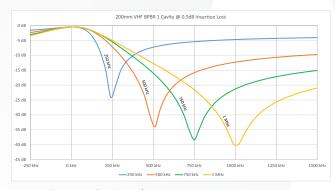


Mavitek MVK series bandpass/bandreject cavity filters in 200mm (8") diameter are designed and produced to meet high selectivity specifications.

MVK series filters are made from high quality aluminum using robotic welding. They can be painted to the color of choice of the customer.

Connectors used on the filters are silver-plated and PTFE insulated with high durability against temperature changes. Different connector options are available at the request of the customer.

With high "Q" values the filters achieve maximum isolation and superior performance even with 250kHz Rx/Tx frequency shift.



Notes: 1. All tests are performed at +25°C. 2. VHF 200mm BPBR 1 Cavity @ 0.5dB Insertion Loss

## A Aluminium Cavities

Silver Plated Connectors

19" Rack Mounting Option Available

Electrical Specifications	
Tuning Range	136-174MHz
Maximum Input Power	300 Watts (0.5dB insertion loss) 250 Watts (1.0dB insertion loss) 150 Watts (2.0dB insertion loss)
Insertion Loss	Minimum: 0.4dB Maximum: More than 6dB
Frequency Stability	1.5ppm / °C
Number of Cavities	1
VSWR (max.)	1.5:1 or less
Impedance	50Ω Nominal
Mechanical Specifications	
Operating Temperature Range	-30° to +60°C
	-30° to +60°C N-Type Female Other options available
Range	N-Type Female
Range Connectors	N-Type Female Other options available
Range Connectors Color / Paint	N-Type Female Other options available Anthracite / Glossy Enamel
Range Connectors Color / Paint Weight (approx.) Dimensions	N-Type Female Other options available Anthracite / Glossy Enamel 4.40kg / 9.7lbs
Range Connectors Color / Paint Weight (approx.) Dimensions (Radius x Height)	N-Type Female Other options available Anthracite / Glossy Enamel 4.40kg / 9.7lbs 200 x 750mm / 8" x 29.5"in

## Telsan Telsiz San. ve Tic. A.Ş.

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