

BANDPASS FILTER

Spec Sheet



The Mimomax bandpass filters are designed specifically with the Mimomax radios in mind but may also be used in conjunction with any suitable wireless transmitter or receiver. The band pass filter design is a low insertion loss, wide-band filter solution to fit in both antenna leads of a Mimomax radio. With 6MHz & 11MHz wide design pass-bandwidths, both the Mimomax transmit and receive frequencies can freely pass through the filters, while out of band signals are strongly attenuated.

The Mimomax band pass filter should be considered for use in sites where there are a large number of transmitters or a few high power transmitters in adjacent or nearby bands that are likely to cause blocking problems.

The wide tuning range, steep filter cut rate together with the high power rating ensure these filters are compatible with a wide range of radio equipment and applications. In conjunction with optional band-stop filters, the Mimomax band-pass filter provides an economical low loss solution to site engineering problems encountered on busy sites.



BANDPASS FILTER SPECIFICATIONS

Electrical Specifications		
Pass-Band Width	6MHz (+/- 3MHz)	11MHz (+/- 5.5MHz)
Pass-Band Loss	Typ. < 1dB, Max. < 1.5dB	Typ. < 0.7dB, Max, < 1dB
Configuration	6 Element Comb-Line Band Pass Filter	
Center Frequency Tuning Range	375-475MHz	
Stop-Band Attention	> 70dB at +/- 15MHz	
Port Impedance	50 Ohms	
Pass-Band Return Loss	Typ. > 15dB	
Power Rating	100 Watts	
Ambient Temperature Rating	-30 to +70 Celsius	
Connectors	N Type Female	
Tuning Adjustments	6 Frequency Adjustment Screws Plus 2 Coupling Adjustment Screws	
Dimensions (L x B x H)	420 x 130 x 55 mm	
Weight (Filter Only)	1.5 kgs	
Mounting Options	No Mounting Panel 1 Filter Mounted on 2U Panel 2 Filters Mounted on 3U Panel	

No Mounting Panel	ACC-BPF-425-06-XX00	ACC-BPF-425-11-XX00
1 Filter Mounted on 2U Panel	ACC-BPF-425-06-XX01	ACC-BPF-425-11-XX01
2 Filters Mounted on 3U Panel	ACC-BPF-425-06-XX02	ACC-BPF-425-11-XX02

Important: Specifications are subject to change without prior notice

Frequency Response of Filter Tuned to its Bottom, Middle & Top of its Tuning Range

