



# 915 MHz Cavity Bandpass Filter

Part Number: AB915B976



## Electrical specifications

**Passband Frequency:** 915 MHz  
**Passband:** 5 MHz min  
**Insertion loss(CF):**  $\leq 1.7$  dB  
**Insertion Loss all bands:**  $\leq 2.5$  dB  
**Return loss:**  $\geq 16$  dB  
**Channel rejection:** 75 dB@Fc +/- 10 MHz  
**Power Handling:** 20 Watts

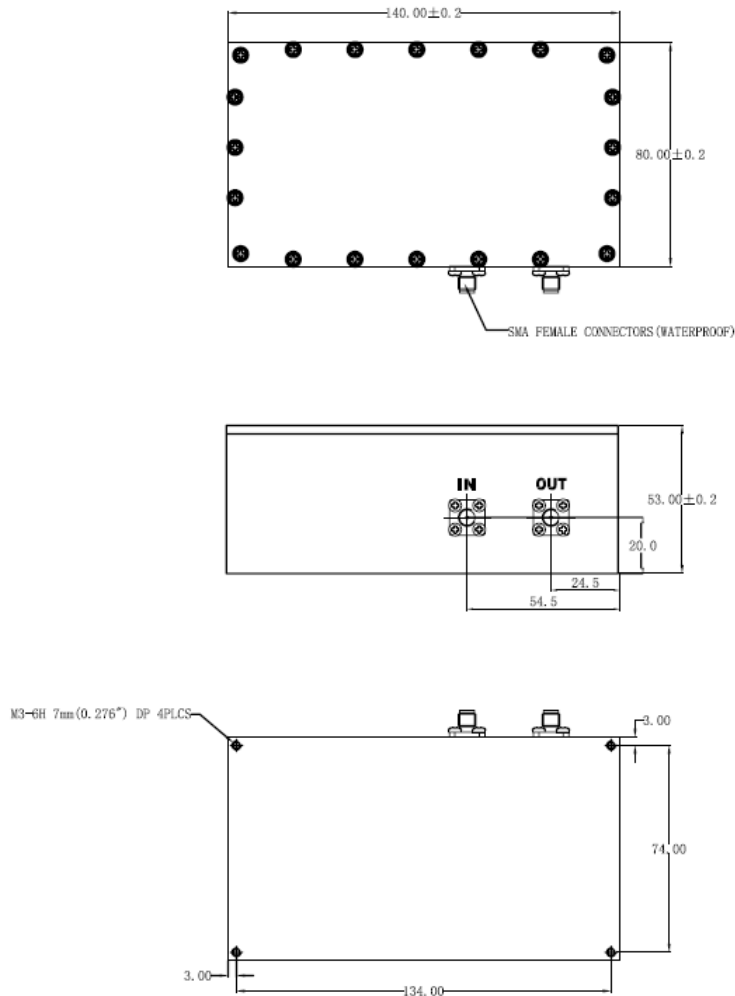
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 6.98" X 3.45" X 3.10" mm

## Environmental

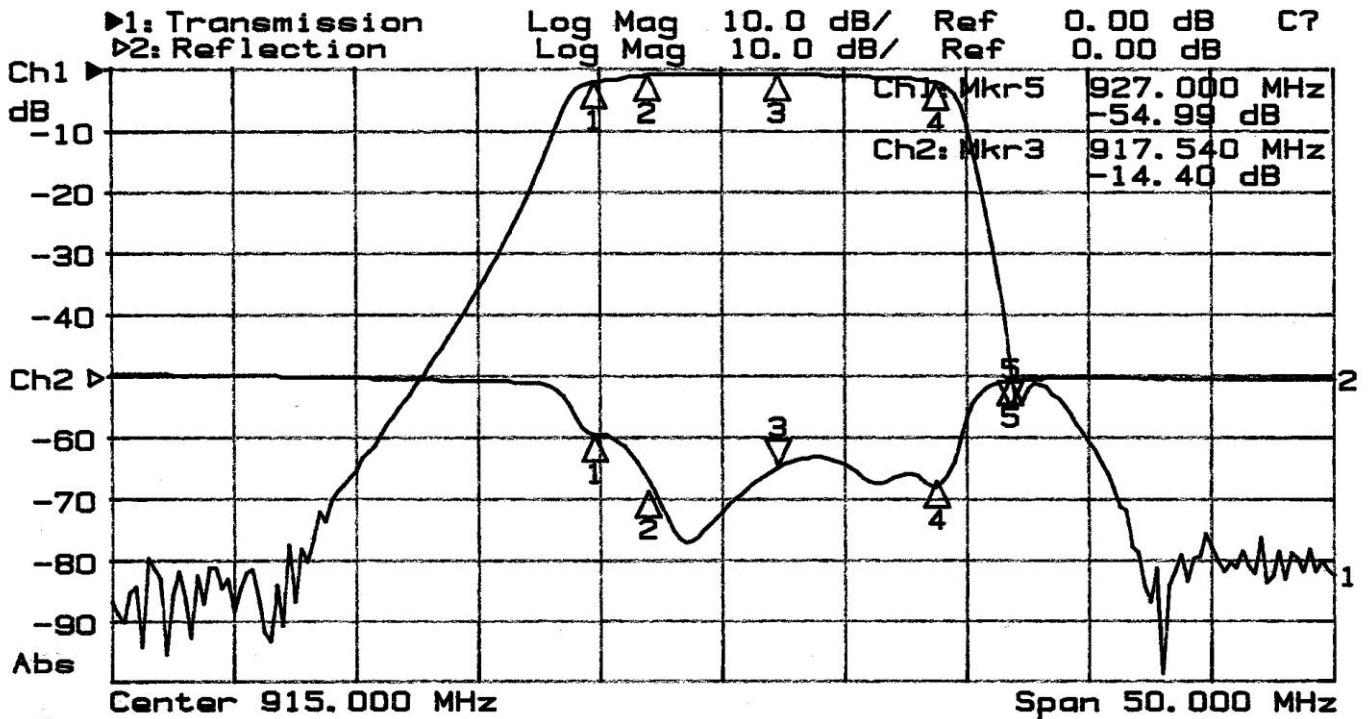
**Operating Temperature:** -45 to +85° C  
**Storage Temperature:** -55 to +95° C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:





### Response plot:



1: Mkr (MHz)		dB	2: Mkr (MHz)		dB
1:	910.00	-2.15	1:	910.00	-9.66
2:	912.21	-1.08	2:	912.21	-18.77
3:	917.54	-1.01	3>	917.54	-14.40
4:	924.00	-2.57	4:	924.00	-17.20
5>	927.00	-54.99	5:	927.00	-0.71