



### 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

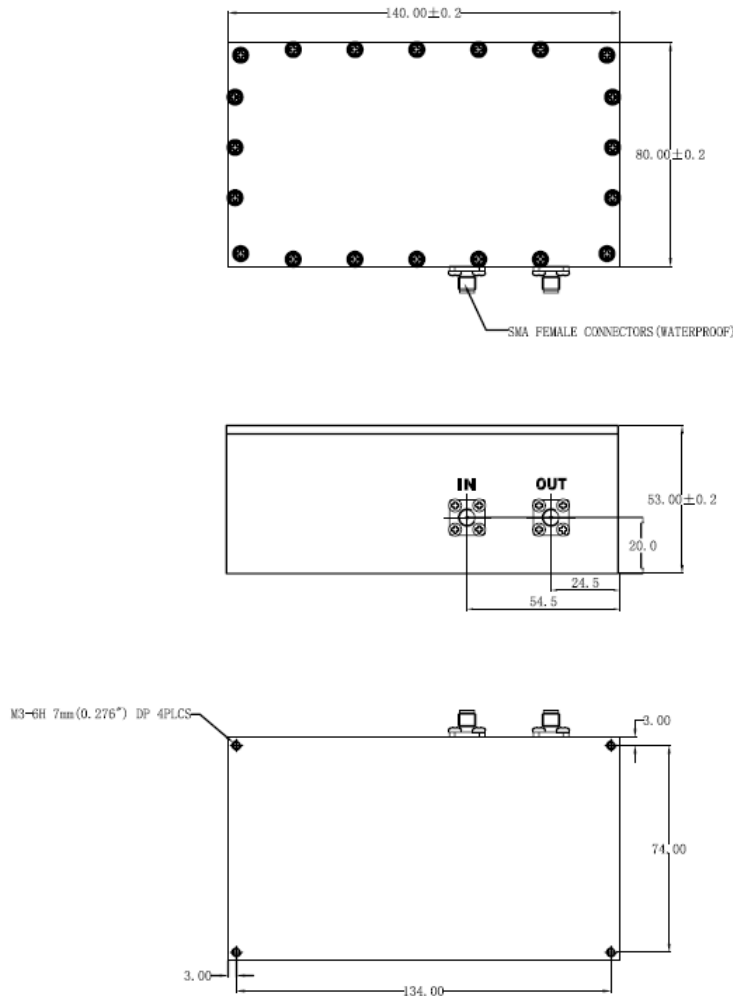
### Mechanical

**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:



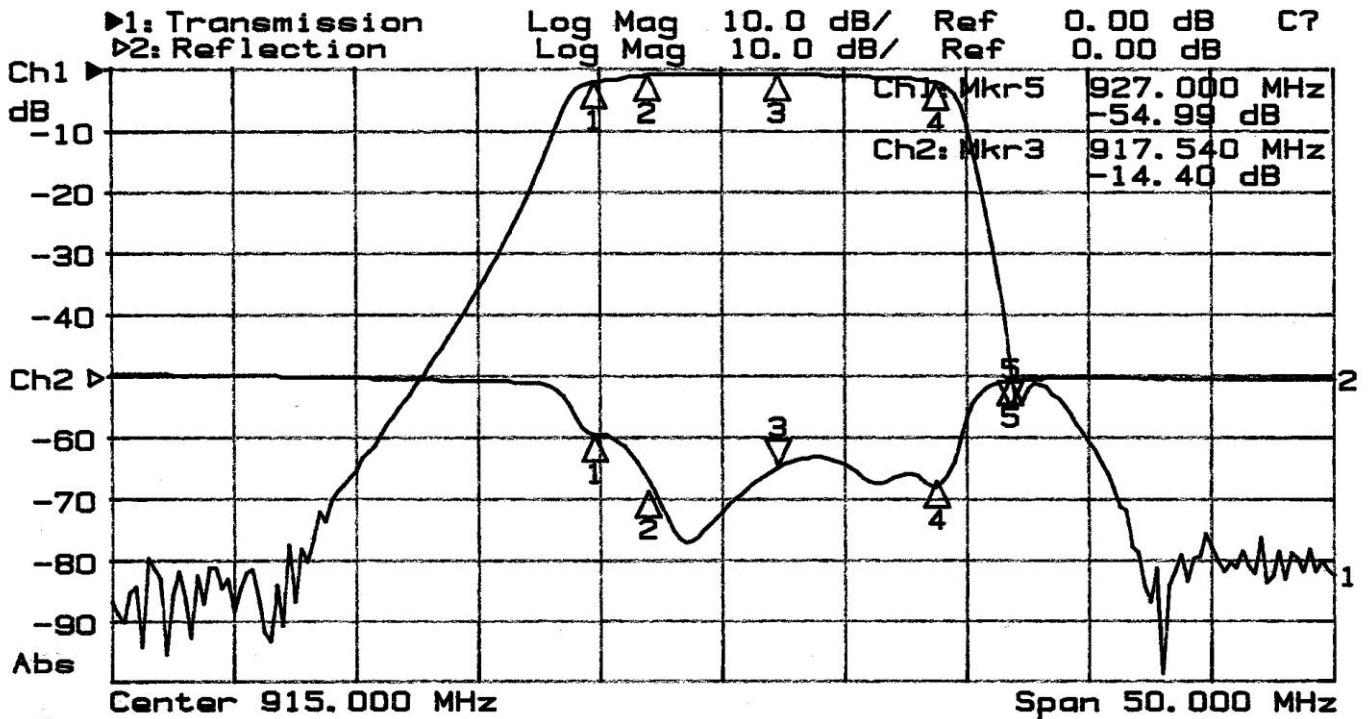


# 915 MHz Cavity Bandpass Filter

Part Number: AB915B976



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	