

**SPECIFICATION**  
**COMMERCIALY AVAILABLE**

NPT

**ITEM: CAVITY DUPLEXER**  
**PART NUMBER: FNP-1452**

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
08/06/18 <sup>(AM)</sup>			

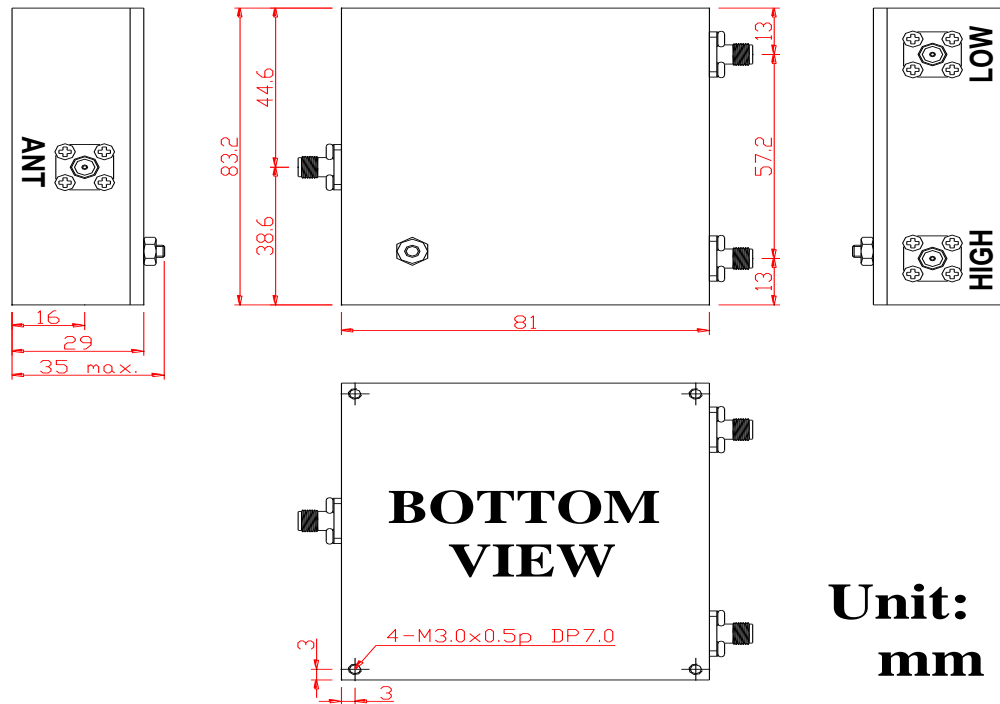
***FILTRONETICS Inc***

1. FNP-1452

2. Electrical Specifications:

Parameter	Unit	Specification	
		Low Band (Rx)	High Band (Tx)
Center Frequency	MHz	2072.5	2245
Bandwidth	MHz	2025 ~ 2120 MHz	2200 ~ 2290 MHz
Insertion Loss in BW	dB	1.0 Max	
Ripple in BW	dB	0.5 Max	
Return Loss in BW	dB	18.0 Min	
Attenuation	dB	60 Min @ 2200 ~ 2290 MHz	60 Min @ 2025 ~ 2120 MHz
		60 Min @ 1400 ~ 1650 MHz	
IN/OUT Impedance	$\Omega$	50	
Input Power	Watt	10 Max	
Operating Temperature	$^{\circ}\text{C}$	-40 ~ +85	
Connector type	-	SMA(f) – All ports	
Finish	-	Black Painting	

3. Mechanical Package



4. Theoretical Response

