

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC DUPLEX FILTER
PART NUMBER: FN-3977

9/26/14 added plot

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
10/23/2007 ^(kn)			
9/26/14 ^(kn)			

FILTRONETICS Inc

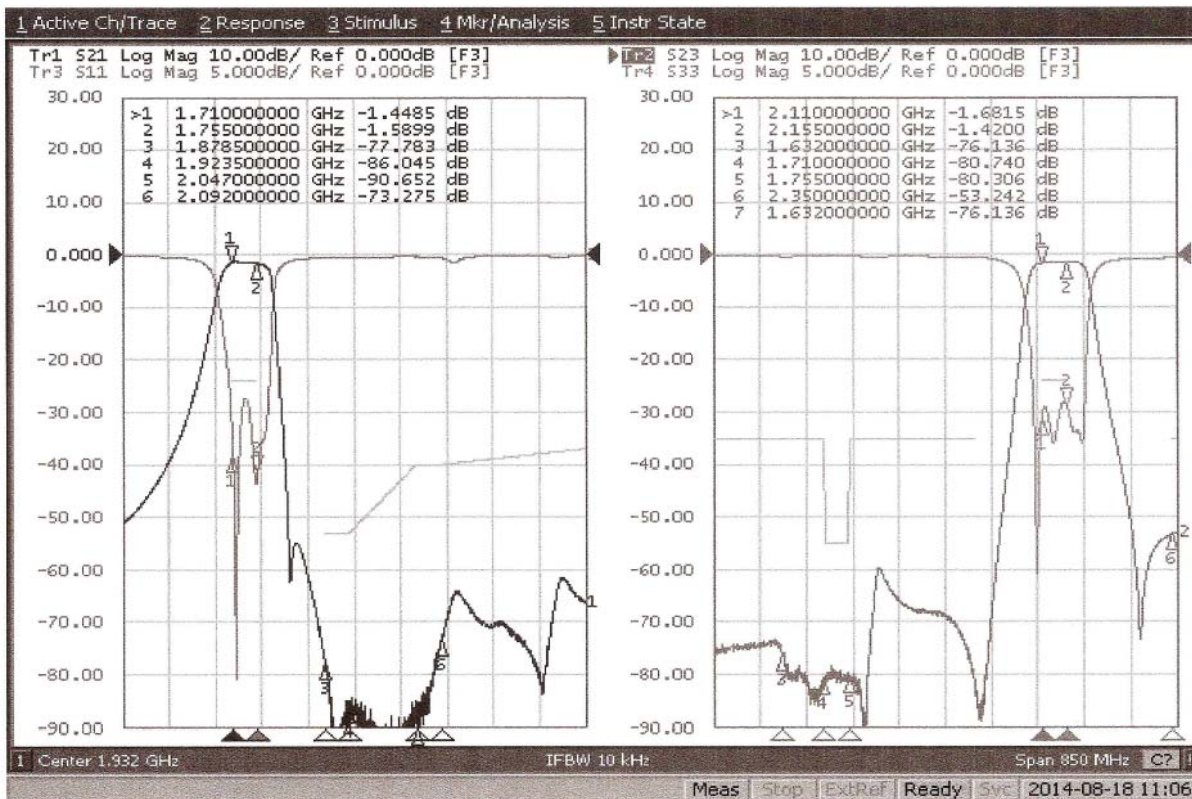
1. PART NUMBER: FN-3977

2. SPECIFICATIONS

NO	Parameter	Specification		
		TX -> ANT	ANT -> RX	
1	Center Frequency (Fo)	1732.5 MHz	2132.5 MHz	
2	Pass Bandwidth (BW)	1710 ~ 1755 MHz	2110 ~ 2155 MHz	
3	Insertion Loss in BW	2.0 dB Max.	2.0 dB Max.	
4	Ripple in BW	1.0 dB Max.	1.0 dB Max.	
5	Return Loss in BW	12 dB Min.	12 dB Min.	
6	Attenuation	At 1878.5 ~ 1923.5 MHz	53 dB Min.	
		At 2047 ~ 2092 MHz	40 dB Min.	
		At 3420 ~ 3510 MHz	25 dB Min.	
		At 5130 ~ 5265 MHz	10 dB Min.	
		At DC ~ 1990 MHz	-	35 dB Min.
		At 1710 ~ 1755 MHz	-	55 dB Min.
		At 2350 ~ 3601 MHz	-	35 dB Min.
7	Isolation	At DC ~ 1710 MHz	30 dB Min.	
		At 1710 ~ 1755 MHz	62 dB Min.	
		At 2110 ~ 2155 MHz	50 dB Min.	
		At 2155 ~ 3600 MHz	30 dB Min.	
8	Input Power	3.5 W Max.		
9	Operating Temperature	0 to +50 °C		
10	Impedance	50 ohm		

Uses CFDM-1732213214A

3. GRAPHS:



4. DIMENSIONS:

