

Monolithic Block Duplexer Specification

PART DNM3415-3515-30B3

DATE: 6/16/04

1. Properties:

No.	Characteristics	Unit	Tx → ANT	ANT → Rx
1	Frequency of operation	MHz	3400 - 3430	3500 - 3530
	Center Frequency (TxFc/RxFc)	MHz	3415 (TxFc)	3515 (RxFc)
2	Bandwidth	MHz	30	30
3	Insertion Loss in BW (max.)	dB	3.0	3.0
4	Ripple in BW (max.)	dB	0.7	0.7
5	V.S.W.R in BW (max.)	dB	1.5	1.5
6	Attenuation (min.)	dB	35 @ DC ~ 2452 MHz	35 @ DC ~ 2453 MHz
			45 @ 2748 - 2949 MHz	35 @ 2802 - 3045MHz
			40 @ 3075 - 3189 MHz	30 @ 3381 - 3408 MHz
			15 @ 3470.5 - 3500.5 MHz	
			50 @ 3500 - 3530 MHz	50 @ 3400 - 3430 MHz
	35 @ 3953 - 4953 MHz	35 @ 3953 - 4953 MHz		
7	Tx - Rx Isolation (min.)	dB	50 (3500 - 3530 MHz) - (3400 - 3430 MHz)	
8	In/Out Impedance	Ohm	50	
9	Operation Temperature	C	-30 to +85	

2. Dimension:



