

Monolithic Block Duplexer Preliminary Specification 3.5GHz RU Duplexer (B-Band)

Part No: DNM3462-3562-27B4
Date: 4/19/2002

1. Properties:

No.	Characteristics	Unit	Tx → ANT	ANT → Rx
1	Center Frequency (F ₀)	MHz	3462.5	3562.5
2	Bandwidth	MHz	F ₀ +/- 13.5	F ₀ +/- 13.5
3	Insertion Loss in BW (max.)	dB	3.0	3.0
4	Ripple in BW (max.)	dB	0.5	0.5
5	V.S.W.R in BW (max.)	dB	1.5	1.5
6	Transmission Phase Angle	deg	TBD	N/A
7	Attenuation (Absolute Value)	dB	35 @ <2500 MHz	35 @ <2500 MHz
			35 @ 2650 - 2676 MHz	35 @ 2730 - 2756 MHz
			30 @ 3050 - 3076 MHz	30 @ 3345 - 3371 MHz
			35 @ 3549 - 3576 MHz	35 @ 3499 - 3476 MHz
			TBD @ >4000 MHz	TBD @ >4000 MHz
8	Tx - Rx Isolation (min.)	dB	50	
9	In/Out Impedance	Ohm	50	50
10	Operation Temperature	C	-45 to +70	

2. Dimension:

