

Monolithic Block Duplexer Specification

3.5GHz RU Duplexer (B-Band) Combined R3 & R4 Specification

Part No: DNM3462-3562-27B3
 Date: 10/9/2002

1. Properties:

No.	Characteristics	Unit	Tx → ANT	ANT → Rx
1	Center Frequency (F ₀)	MHz	3462.5	3562.5
2	Bandwidth	MHz	3449-3476	3549-3576
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	Attenuation (min.)	dB	35 @ <2500 MHz	35 @ <2500 MHz
			45 @ 2795 - 2996 MHz	40 @ 2849 - 3092 MHz
			40 @ 3122 - 3236 MHz	30 @ 3428 - 3455 MHz
			35 @ 3549 - 3576 MHz	35 @ 3449 - 3476 MHz
			35 @ 4000- 5000 MHz	35 @ 4000 - 5000 MHz
7	Tx - Rx Isolation (min.)	dB	50 (3449-3476) - (3549-3576)	
8	In/Out Impedance	Ohm	50	50
9	Operation Temperature	C	-45 to +70	

2. Dimension:

