



Model Number S59105 Diplexer

Rev -
8/4/05

Features:

- Cavity Design
- Low Loss

Applications:

- Missile Flight System
- Test Equipment

Package size:

- 2.75 x 6.0 x 11.0”

(Please see outline for exact dimensions)



Specifications: (+25C)	Channel 1	Channel 2
Passband	2222.5 – 2262.5 MHz	2354 - 2370 MHz
Insertion Loss	1.5 dB Typical 2.2 dB @ Band Edge	1.6 dB Typical 3.5 dB @ Band Edge
VSWR	1.5:1	1.5:1
Rejection	60 dB from 2200 – 2216.5 MHz	40 dB from 2302 – 2317 Mhz
Rejection	60 dB from 2268.5 - 2270 MHz	20 dB from 2372 – 2402 MHz
Rejection	70 dB from 2288 - 2300	60 dB from 2317 – 2346 MHz
Rejection		20 dB from 2302 – 2317 MHz
Power Handling	20 Watts CW, 30 Watts Peak	
Temperature	Operating: -20 to +70 C Storage: -54 to +125 C	
Vibration	14 G's Random, Standard Haystack, 20 Hz to 2 kHz, 3 axes	
Shock	½ Sine, 100 G's Peak, 11 mS, 3 axes	
Acceleration	100 G's, 3 axes	
Connectors	SMA Female	SMA Female



Delta Microwave

1301 Vanguard Dr.
Oxnard, CA. 93033

Phone: 805.240.1044
Fax: 805.240.9544

email: sales@deltamicrowave.com
www.deltamicrowave.com

By	Checked