



# Model Number Ku5934 Diplexer

Rev. D  
03/08/13

## Features:

- Cavity Design
- Compact, Small
- Surface Mount
- Low Loss

## Applications:

- Tactical Common Data Link (TCDL)
- Test Equipment

## Package Size:

- 0.5" x 2.75" x 3.8"  
(Please see outline for exact dimensions)

## Weight:

- 4.5 oz., 0.28 lb.



Specifications: (+25° C)	Channel 1	Channel 2
Passband	14400 to 14830 MHz	15150 to 15350 MHz
Insertion Loss	1.5 dB Maximum	1.6 dB Maximum
VSWR	1.5:1 Maximum	1.5:1 Maximum
Rejection	45 dB from 8500 to 12000 MHz 80 dB from 13320 to 14150 MHz 60 dB from 15370 to 18000 MHz	45 dB from 8500 to 12000 MHz 110 dB from 14400 to 14830 MHz 80 dB from 15650 to 15950 MHz
Ch. To Ch. Isolation	110 dB Minimum	110 dB Minimum
Group Delay Variation	3.5 ns Maximum	2.5 ns Maximum
Power Handling	+40 dBm Maximum	
Connectors	Smoothbore GPO	
Operating Temp.	-40° to +85° C	
Operating Alt.	40,000 feet	



## Delta Microwave

300 Del Norte Blvd. Phone: 805.751.1100 email: sales@deltamicrowave.com  
Oxnard, CA. 93030 Fax: 805.240.9544 www.deltamicrowave.com

Delta Microwave's Quality Management System has been assessed by NSF-ISR and found to be in conformance with AS9100:2009, Rev. C. Delta Microwave reserves the right to change specifications without notice. Please verify specification revision letter upon order placement.

Written By	Approved By