



# Model Number Ku5938 Diplexer

Rev. C  
03/08/13

## Features:

- Cavity Design
- Compact, Small
- Low Loss

## Applications:

- Tactical Common Data Link (TCDL)
- Test Equipment

## Package Size:

- 1.1" x 1.4" x 8.2"  
(Please see outline for exact dimensions)

## Weight:

- 5 oz., 0.31 lb.



Specifications: (+25° C)	Channel 1	Channel 2
Passband	14400 to 14830 MHz	15150 to 15350 MHz
Insertion Loss	1.0 dB at 14615 MHz 1.5 dB Maximum	1.2 dB at 15250 MHz 1.4 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 110 dB from 15150 to 15350 MHz	45 dB from 8000 to 12000 MHz 110 dB from 14400 to 14830 MHz 80 dB from 15650 to 1595 MHz
Ch. to Ch. Isolation	110 dB Minimum	110 dB Minimum
Group Delay Variation	3.5 ns Maximum	2.5 ns Maximum
Power Handling	+64 Watts CW Nominal	
Connectors	SMA Female Swept Right Angle	
Operating Temp.	-55° to +85° C	
Operating Alt.	50,000 feet	



## Delta Microwave

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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