



Model Number Ku5936-1 Diplexer

Rev. C
03/08/13

Features:

- Folded Waveguide Design
- Integrated Directional Coupler
- Low Loss

Applications:

- Tactical Common Data Link (TCDL)
- Test Equipment



Package Size:

- 1.0" x 3.3" x 6.3"
(Please see outline for exact dimensions)

Weight:

- 5.55 oz., 0.35 lb.

Specifications: (+25° C)	Channel 1	Channel 2
Passband	14530 to 14930 MHz	15150 to 15350 MHz
Insertion Loss	1.7 dB Maximum	1.8 dB Maximum
VSWR	1.5:1 Maximum	1.5:1 Maximum
Rejection	60 dB from 12400 to 14127 MHz 95 dB from 15130 to 15370 MHz 60 dB from 15370 to 18000 MHz 45 dB from 29060 to 29830 MHz	60 dB from 12400 to 14400 MHz 95 dB from 14400 to 14830 MHz 60 dB from 15630 to 18000 MHz 45 dB from 30300 to 30700 MHz
Coupling	30 ± 2 dB	
Directivity	12 dB	
Power Handling	40 Watts CW	40 Watts CW
Connectors	SMA Female per MIL-C-39012	



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
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