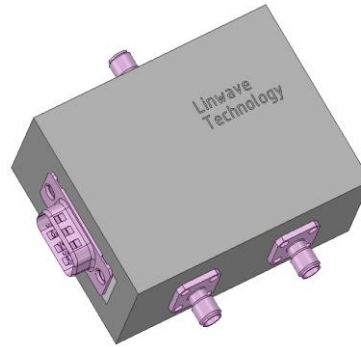


## Linwave RF Switch 4.5 GHz 25W

LW24-793219

### PRODUCT FEATURES

- 4.1 - 4.7 GHz Operating band
- 25W Cold Switch Power Rating
- Compact housing
- 50 Ohm matched input and output
- High reliability and ruggedness



### PRODUCT DESCRIPTION

The Linwave 4.5 GHz Switch is suitable for a wide range of applications in high power applications. The switch can be configured in a variety of configurations SP2T-SP4T and is designed to provide high isolation and fast switching in harsh environments. Typical applications are Industrial, Aerospace and Military.

### ELECTRICAL SPECIFICATIONS @ 25°C, 50 Ω System

Parameter	Min	Typ	Max	Unit
Operating Frequency	4.1		4.7	GHz
CW Power		25		Watts
Peak Power		200		Watts
Pulse Width			250	μS
Duty Cycle			10	%
Insertion Loss		1.7		dB
Switching time		6		uS

*Linwave reserves the right to make changes, without notice, in the products, including circuits, standard cells, and/or software, described or contained herein in order to improve design and/or performance.*

Data sheet Iss 01, dated 04/08/16 DS00-793219-01, No. 2399

For price, delivery and to place orders please contact  
 Linwave Technology Ltd, Marlin Building, Sadler Road, Lincoln, LN6 3RS  
 Company Reg No 4478971 (England)  
 Phone:+44 (0) 1522 681811 Fax:+44 (0) 1522 681911  
 Email [enquiries@linwave.co.uk](mailto:enquiries@linwave.co.uk) Website [www.linwave.co.uk](http://www.linwave.co.uk)  
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Parameter	Min	Typ	Max	Unit
Phase Variation Between Ports		+/- 8		deg
Input Return Loss		14		dB
Output Return Loss		14		dB
Supply voltages		5,-28		V

## ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temperature	-40		+70	°C

## MECHANICAL SPECIFICATIONS

Parameter	Value	Type	Notes
RF Connectors	Input	SMA-F	
	Output	SMA-F	

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 Email [enquiries@linwave.co.uk](mailto:enquiries@linwave.co.uk) Website [www.linwave.co.uk](http://www.linwave.co.uk)  
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