

Solid State Switches

Communications & Power Industries Solid State Switches

CPI BMD solid state switches are customizable and can be designed to meet specific frequency bands, power requirements and mechanical configurations. Please contact CPI BMD for your specific requirements.



CONFIGURATIONS:

- Waveguide or Coax configuration
- Single Pole Single Throw
- Single Pole Double Throw
- Single Pole Multiple Throw

OPTIONS:

- Hot or cold switching
- Integrated driver
- BITE Circuitry

Typical Operating Parameters

Frequency	UHF	L-Band	S-Band	C-Band	X-Band	Ku-Band	Ka-band
Power Handling	500 W	500 w	250 W	100 KW	20 W	10 W	10 W
Pulse Width	10 μ s	10 μ s	10 μ s	5 μ s	5 μ s	5 μ s	2 μ s
Insertion Loss	0.7 dB	0.7 dB	1.0 dB	1.0 dB	1.0 dB	1.5 dB	1.5 dB
VSWR	1.3:1	1.3:1	1.3:1	1.3:1	1.4:1	1.5:1	1.5:1
Isolation	40 dB	40 dB	30 dB	30 dB	30 dB	30 dB	30 dB
Switching Speed	1 μ s	1 μ s	1 μ s	1 μ s	1 μ s	1 μ s	500 ns



Beverly Microwave Division
150 Sohier Road
Beverly, Massachusetts
USA 01915

tel +1 978-922-6000
email BMDMarketing@cpil.com
fax +1 978-922-8914
web www.cpii.com

For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

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