



Solid State Switches

CPI Beverly Microwave Division
Solid State Limiters are available
from UHF to Ka-Band



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

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

The values listed above represent typical limits for the product and design trade-offs are available for enhanced performance of various parameters. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.



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For information on this and other CPI products visit our webpage at www.cpii.com, or contact CPI Beverly Microwave Division, 150 Sohier Road, Beverly, MA 01915
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