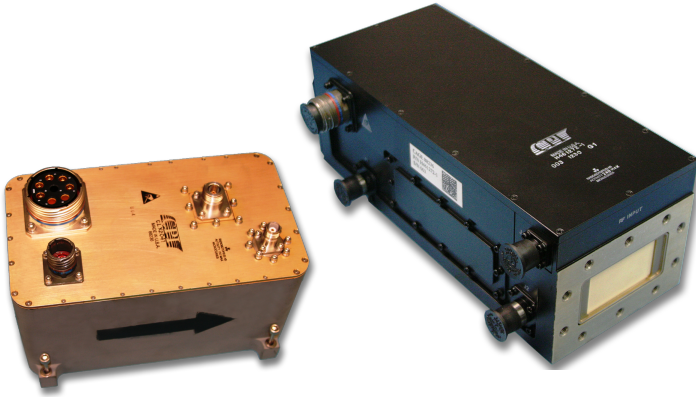


Receiver Protectors with LNA

CPI Electron Device Business - Receiver Protectors with LNA



CPI Electron Device Business provides the capability to combine the LNA into a single package with the receiver protectors.

With a history of producing high quality products, we can help you with your receiver protectors.

Contact us at ElectronDevices@cpiedb.com or at call us at +1 978-922-6000.

FEATURES:

- Low noise figure
- High power handling

BENEFITS:

- Elimination of transitions and device interconnects
- Receiver protector leakage levels are designed and adjusted to optimally perform with CPI EDB LNA designs

APPLICATIONS:

- Specification variations available for various market uses

Specifications

Frequency	L-Band	S- Band	C - Band	X- Band	Ku-Band	Ka -Band
Peak Power Handling	100 kW	100 kW	100 kW	50 kW	20 kW	10 kW
Average Power Handling	500 W	500 W	100 W	50 W	20 W	10 W
Pulse Width	100 ms	100 ms	100 ms	100 ms	50 ms	5 ms
Noise Figure	3.0 dB	3.0 dB	4.0 dB	4.0 dB	5.0 dB	6.0 dB
Gain	30 dB	30 dB	30 dB	20 dB	20 dB	20 dB
Max Output Power	+20 dB	+20 dB	+20 dB	+20 dB	+16 dB	+15 dB
Recovery Time	2 ms	2 ms	2 ms	2 ms	1 ms	1 ms
1 dB Compression	+12 dB	+12 dB	+12 dB	+10 dB	+10 dB	+10 dB



Beverly Microwave Division
150 Sohier Road
Beverly, Massachusetts
USA 01915

tel +1 978-922-6000
email ElectronDevices@cpiedb.com
fax +1 978-922-8914
web www.cpi-edb.com

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

©2025 CPI Electron Device Business. Company proprietary; use and reproduction is strictly prohibited without written authorization from CPI EDB.