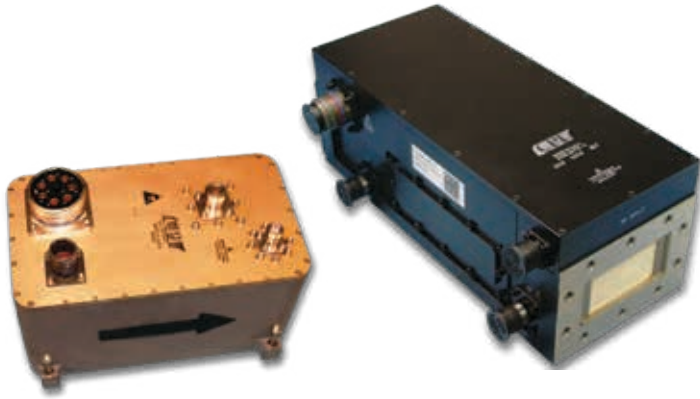


# Receiver Protectors with LNA

## Communications & Power Industries Receiver Protectors with LNA



CPI Beverly Microwave Division 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 [BMDMarketing@cpil.com](mailto:BMDMarketing@cpil.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 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



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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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