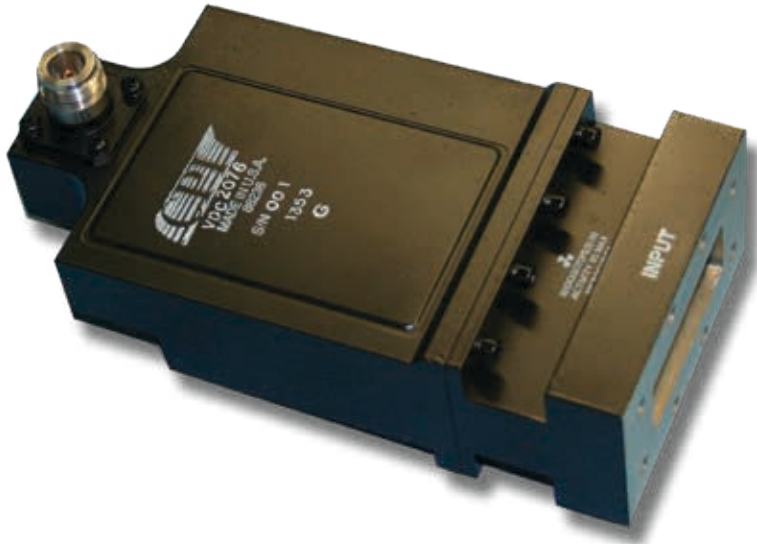


Communications & Power Industries Receiver Protector



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

Contact us at BMDMarketing@cpii.com or at call us at +1 978-922-6000.

FEATURES:

- Broad bandwidth
- High duty cycle
- Waveguide input; Type N output

BENEFITS:

- World's largest manufacturer of receiver protectors
- State of the art facility with high level of vertical integration
- Extensive high power test capability
- In-house environmental test facility
- Computer modeling and automatic test capabilities

APPLICATIONS:

- Ground based systems
- Naval radars
- Air traffic control radars
- Weather radars

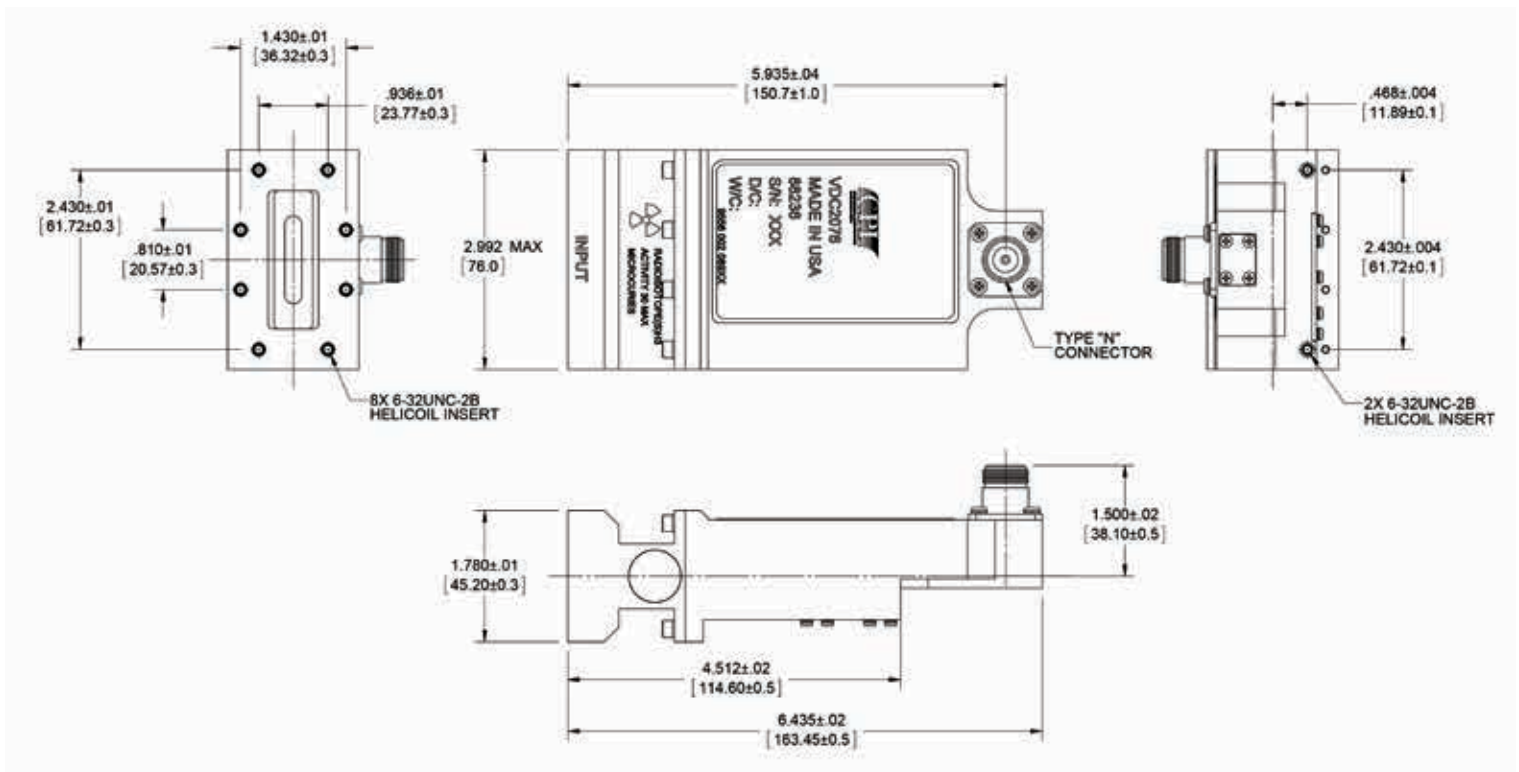
CPI C-Band 3000 W Receiver Protector: VDC2076

Electrical Specifications

Operating frequency	5.25 – 5.85 GHz
Maximum overload power	3000 W peak
Maximum normal power	300 W peak
Maximum pulsewidth*	24 uSec
Maximum duty cycle**	10%
Maximum insertion loss	1.0 dB
Maximum VSWR	1.4:1
Maximum spike leakage power	120 mW
Maximum flat leakage power	50 mW
Maximum recovery time (-1dB)	0.8 uSec

Mechanical and Environmental Specifications

RF input	WR187
RF output	Type N (F)
Dimensions	See outline drawing
Operating temperature	-30° to +85° C
Design operating life	1500 hours
Design shelf life	15 years
See product specification for other detailed environmental specifications	



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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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