

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:

- Compact size
- Integral noise source
- Excess attenuation function

BENEFITS:

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

APPLICATIONS:

- Missile seekers
- Airborne radars
- Unmanned Aerial Vehicles (UAV)
- Ground based systems
- Naval radars
- Air traffic control radars
- Weather radars

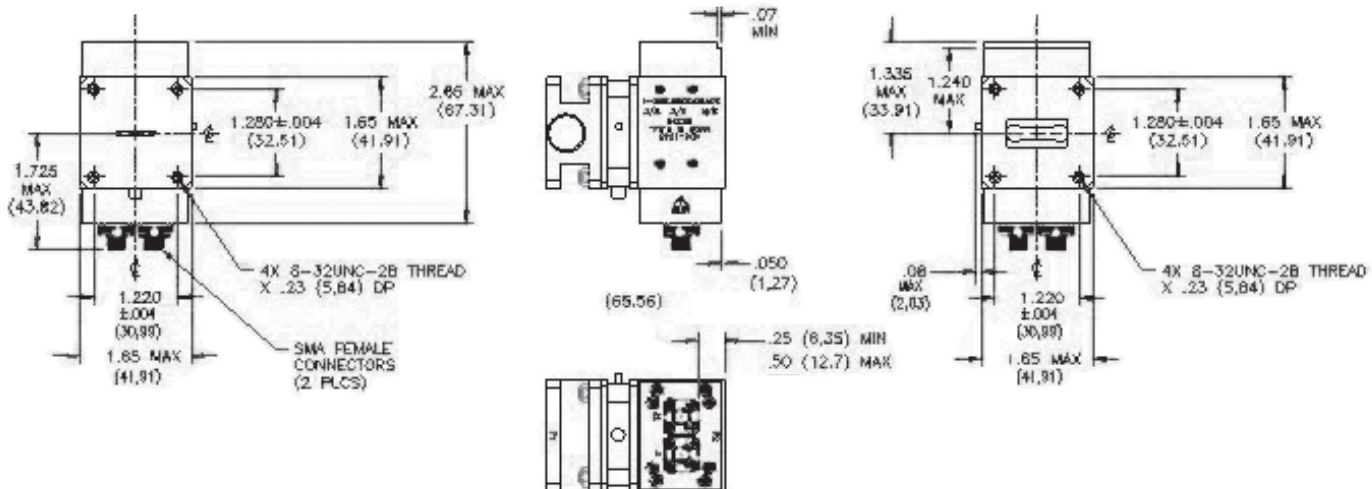
CPI X-Band 100 W Multifunction Receiver Protector: VDX1645

Electrical Specifications

Operating frequency	9.0 – 9.6 GHz
Maximum peak power	
Normal operating	22 kW
Overload	100 kW
Maximum duty cycle	0.0011
Maximum pulse width	2.35 μ Sec
Maximum insertion loss	1.0 dB
Maximum VSWR	1.3:1
Minimum Excess noise	15 dB
Maximum noise control	14.8 VDC @ 50 mA 0 to 20 dB
Excess attenuation	Continuously variable
Attenuation control	0 – 240 μ A Analog control
Maximum spike leakage power	1.0 W
Maximum flat leakage power	50 mW
Maximum recovery time (3 dB)	0.8 μ Sec

Mechanical and Environmental Specifications

RF input	WR90
RF output	WR90
Noise control	SMA Female
Attenuation control	SMA Female
Dimensions	See outline drawing
Operating temperature	-40° to +75° C
Storage temperature	-55° to +85° C
Maximum humidity	95%



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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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