

Pressure Bypass Windows

Communications & Power Industries Pressure Bypass Windows



FEATURES:

- Available in L, S, C, X, Ku, and Ka-bands
- Replaceable particle filter available to extend device life
- Filter size can be specified for smaller particle size
- Waveguide configuration customizable to meet system requirements

CPI Beverly Microwave Division has developed patented technology for pressure bypass windows with particle filtration. The pressure bypass window incorporates a waveguide pressure window with an airflow bypass through a particle filter allowing filtered air to pressurize the system.

Specifications

Frequency	L-Band	S- Band	C- Band	X- Band	Ku-Band	Ka-Band
Peak Power Handling	500 KW	500 KW	250 KW	200 KW	100 KW	50 KW
Insertion Loss	0.2 dB	0.2 dB	0.2 dB	0.2 dB	0.2 dB	0.3 dB
VSWR	1.2:1	1.2:1	1.2:1	1.25:1	1.3:1	1.4:1
Particle Filter	15 µm	15 µm	15 µm	15 µm	15 µm	15 µm

With a history of producing high quality products, we can help your with pressure bypass windows. Contact us at BMDMarketing@cpii.com or at call us at +1 978-922-6000.



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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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