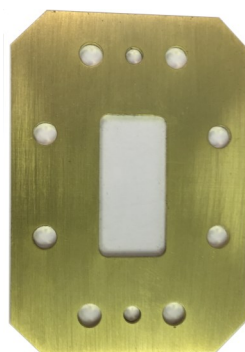


Waveguide Pressure Windows



keep up the
pressure



JMC2500
Low Power
Pressure Windows

JMC2510
Medium Power
Pressure Windows

JMC2520
High Power
Pressure Windows

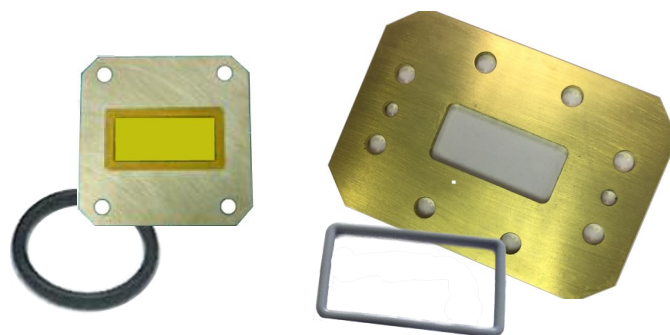
Waveguide Pressure Windows

Our line of pressure windows are designed to form an efficient seal to contain internal dry air pressure that keeps moisture and contaminants out of a waveguide system. Full waveguide band low power models are typically used in terrestrial microwave radio applications while narrower band medium and high power units are suitable for use in satellite ground stations.

Constructed from brass and fitted with either Mylar, Teflon-fiberglass or ceramic/quartz waveguide apertures these windows are designed to offer years of reliable field service.

Key Features:

- Short lead-time availability
- Wide operating temperature range -40 to +85 C (+120 C high power)
- Alternate frequency bands and flange configurations available
- An O-ring or rectangular half gasket is included
- Aluminum material is available as an option
- Backed by a 2 year warranty



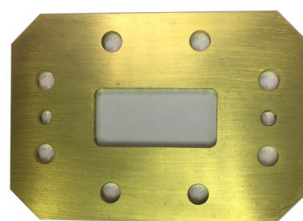
Specifications—Low Power

Model	Waveguide Flange Type				Waveguide Size WR (R)	Passband		RF Power (Watts) max.	Pressure (PSIG) max.	Thickness (Inches)	Return Loss (dB) min.
	CPRF	UDR	Cover	UBR		(GHz) From	To				
JMC2500-05	-0202	-2222	-0606		137 (70)	5.85	8.20	100	10	0.09	35
JMC2500-06	-0202	-2222			112 (84)	7.05	10.00	100	10	0.09	35
JMC2500-06			-0303	-2323	112 (84)	7.05	10.00	100	10	0.09	35
JMC2500-07	-0202	-2222			90 (100)	8.2	12.4	100	10	0.09	32
JMC2500-07			-0303	-2323	90 (100)	8.2	12.4	100	10	0.09	32
JMC2500-08			-0303	-2323	75 (120)	10	15	100	10	0.09	32
JMC2500-09			-0303	-2323	62 (140)	12.4	18.0	100	10	0.09	27
JMC2500-11			-0303	-2323	42 (220)	18.0	26.5	50	10	0.09	23
JMC2500-12			-0303	-2323	34 (260)	22.0	33.0	20	10	0.09	20
JMC2500-13			-0303	-2323	28 (320)	26.5	40.0	20	10	0.09	20

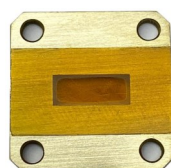
Waveguide Pressure Windows



keep up the
pressure



JMC2500
Low Power
Pressure Windows



JMC2510
Medium Power
Pressure Windows

JMC2520
High Power
Pressure Windows

Specifications—Medium and High Power

Model	Waveguide Flange Type				Waveguide Size WR (R)	Passband (GHz)		RF Power (Watts) max.	Pressure (PSIG) max.	Thickness (Inches)	Return Loss (dB) min.
	CPRF	UDR	Cover	UBR		From	To				
JMC2510-05A	-0202	-2222	-0606		137 (70)	5.850	6.425	1000	20	0.250	26
JMC2510-06N	-0202	-2222	-0303	-2323	112 (84)	7.9	8.4	1000	20	0.250	26
JMC2510-08A			-0303	-2323	75 (120)	13.75	14.50	1000	20	0.250	26
JMC2510-12C			-0303	-2323	34 (100)	27	31	50	20	0.250	19
JMC2510-13C			-0303	-2323	28 (100)	27	31	50	20	0.250	19
JMC2520-05A	-0202	-2222	-0606		137 (70)	5.850	6.425	3000	20	0.250	23
JMC2520-06N	-0202	-2222	-0303	-2323	112 (84)	7.9	8.4	3000	20	0.250	23
JMC2520-08A			-0303	-2323	75 (120)	13.75	14.50	2000	20	0.250	23
CPRG											
JMC2510-05A	-0102				137 (70)	5.850	6.425	1000	20	0.250	26
JMC2510-06N	-0102				112 (84)	7.9	8.4	1000	20	0.250	26
JMC2520-05A	-0102				137 (70)	5.850	6.425	3000	20	0.250	23
JMC2520-06N	-0102				112 (84)	7.9	8.4	3000	20	0.250	23

Part Number Guide

JMC2520 -05 A				-300 02		-01 02	
Window Type					Pressure (PSIG x 1)	Side 1	Side 2 Flange Type
Low Power	JMC2500						
Medium Power	JMC2510			Narrow Band Code			
High Power	JMC2520						
		Waveguide Size			RF Power (Watts x 10)		

Side 1 is pressure side

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