



Specifications

FREQUENCY BAND	Ka	Q	U	V	E	W	F	D	G
Frequency Range (GHz)	26.5-40	33-50	40-60	50-75	60-90	75-110	90-140	110-170	140-220
Waveguide Size	WR-28	WR-22	WR-19	WR-15	WR-12	WR-10	WR-8	WR-6	WR-5
FULLBAND ISOLATORS									
Insertion Loss (dB max)	1.3	1.4	1.6	1.7	2	2.2	3	3.5	4
Isolation (dB min)	25	27	27	27	27	27	20	20	20
VSWR (max)	1.45:1	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	1.4	1.4	1.4
Power Rating (W max)	2	1.5	1.5	1	1	1	1	1	0.75

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Mechanical Specifications

FREQUENCY BAND	WAVEGUIDE SIZE	FLANGE PATTERN	OUTLINE DIMENSIONS, inches/mm	
			L	D
Ka	WR-28	UG-599/U	2.95/74.9	1.31/33.3
Q	WR-22	UG-383/U	2.69/68.3	1.31/33.3
U	WR-19	UG-383/U-M	2.69/68.3	1.31/33.3
V	WR-15	UG-385/U	2.50/63.5	1.00/25.4
E	WR-12	UG-387/U	2.50/63.5	1.00/25.4
W	WR-10	UG-387/U-M	2.50/63.5	1.00/25.4
F	WR-8	UG-387/U-M	2.29/58.2	1.00/25.4
D	WR-6	UG-387/U-M	2.29/58.2	1.00/25.4
G	WR-5	UG-387/U-M	2.29/58.2	1.00/25.4

Outline Drawings

