

## WAVEGUIDE FREQUENCY BANDS AND INTERIOR DIMENSIONS

Frequency Band	Waveguide Standard	Frequency Limits (GHz)	Inside Dimensions (inches)
L band	WR-650	1.12 to 1.70	6.500 x 3.250
R band	WR-430	1.70 to 2.60	4.300 x 2.150
D band	WR-340	2.20 to 3.30	3.400 x 1.700
S band	WR-284	2.60 to 3.95	2.840 x 1.340
E band	WR-229	3.30 to 4.90	2.290 x 1.150
G band	WR-187	3.95 to 5.85	1.872 x 0.872
F band	WR-159	4.90 to 7.05	1.590 x 0.795
C band	WR-137	5.85 to 8.20	1.372 x 0.622
H band	WR-112	7.05 to 10.00	1.122 x 0.497
X band	WR-90	8.2 to 12.4	0.900 x 0.400
Ku band	WR-62	12.4 to 18.0	0.622 x 0.311
K band	WR-51	15.0 to 22.0	0.510 x 0.255
K band	WR-42	18.0 to 26.5	0.420 x 0.170
Ka band	WR-28	26.5 to 40.0	0.280 x 0.140
Q band	WR-22	33 to 50	0.224 x 0.112
U band	WR-19	40 to 60	0.188 x 0.094

To receive complete technical specification or related application notes please forward your request to: [sales@sdptelecom.com](mailto:sales@sdptelecom.com)

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