



Specifications

PYRAMIDAL HORNS WITH RECTANGULAR WAVEGUIDE INPUT						
Product Number	Frequency Band	Frequency (GHz)	Waveguide Size	Flange Pattern	Mid-Band Gain (dB typ)	VSWR max
QGH-APRS00	Ka	26.5 - 40	WR-28	UG-599	24	1.10:1
QGH-QPRR00	Q	33 - 50	WR-22	UG-383	24	1.10:1
QGH-UPRR00	U	40 - 60	WR-19	UG-383	24	1.10:1
QGH-VPRR00	V	50 - 70	WR-15	UG-385	24	1.15:1
QGH-EPRR00	E	60 - 90	WR-12	UG-385	24	1.15:1
QGH-WPRR00	W	75 - 110	WR-10	UG-387	24	1.15:1

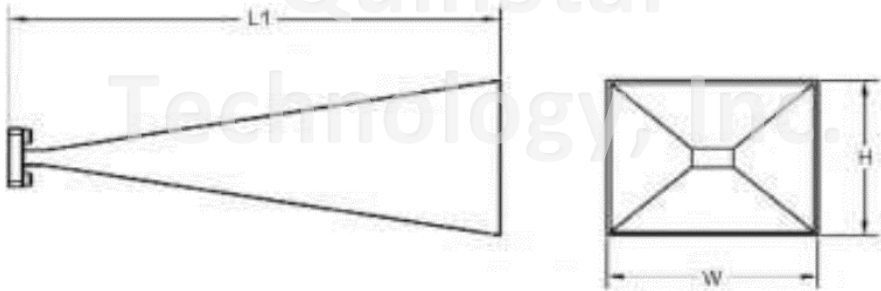


Mechanical Specifications

PYRAMIDAL HORNS WITH RECTANGULAR WAVEGUIDE INPUT					
Frequency Band	Waveguide Size	Flange Pattern	Outline Dimensions, inches/mm		
			W	H	L1
Ka	WR-28	UG-599/U	2.80/71.1	2.16/54.9	5.0/127.0
Q	WR-22	UG-383/U	2.26/57.4	1.75/44.5	4.07/103.4
U	WR-19	UG-383/U	1.91/48.5	1.48/37.6	3.49/88.6
V	WR-15	UG-385/U	1.51/38.4	1.17/29.7	2.72/69.1
E	WR-12	UG-387/U	1.27/32.3	0.99/25.1	2.35/59.7
W	WR-10	UG-387/U	1.02/25.7	0.79/20.1	1.95/49.5



Outline Drawings



Pyramidal
(rectangular waveguide with
square flange pattern shown)

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