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Specifications

Output Waveguide Band	Output Frequency Range, GHz	Multiplication Factor	Input Frequency Range, GHz	Input Power Level[1], dBm	Output Power Level[1], dBm min	Output Waveguide	Input Connector or Waveguide2
K	18-26.5	2	9.0-13.25	20	8	WR-42	SMA
Ka	26.5-40	2	13.25-20.0	20	8	WR-28	SMA
Ka	26.5-40	3	8.67-13.33	20	5	WR-28	SMA
Q	33-50	2	16.5-25	20	8	WR-22	SMA
Q	33-50	3	11-16.67	20	3	WR-22	SMA
U	40-60	2	20-30	20	7	WR-19	K (F)
U	40-60	3	13.33-20	20	3	WR-19	SMA
V	50-75	2	25-37.5	20	5	WR-15	K (F), WR-28
V	50-75	3	16.67-25	20	3	WR-15	K (F)
E	60-90	2	30-45	20	3	WR-12	K (F), WR-22
E	60-90	3	20-30	20	3	WR-12	K (F)
W	75-110	2	37.5-55	18	2	WR-10	V (F), WR-19
W	75-110	3	25-36.67	20	0	WR-10	K (F), WR-28
Custom Products available. Contact us at sales@quinstar.com or submit an RFQ.							

1. Typical optimum input power level. Output power saturates at around this level. Lower input power produces lower output power in non-linear fashion. Maximum safe power level is typically 2 dB higher. Higher output power available over narrower range.

2. Other Waveguide or connectors available as custom products. Please contact QuinStar.

3. Outline Drawings available upon request.

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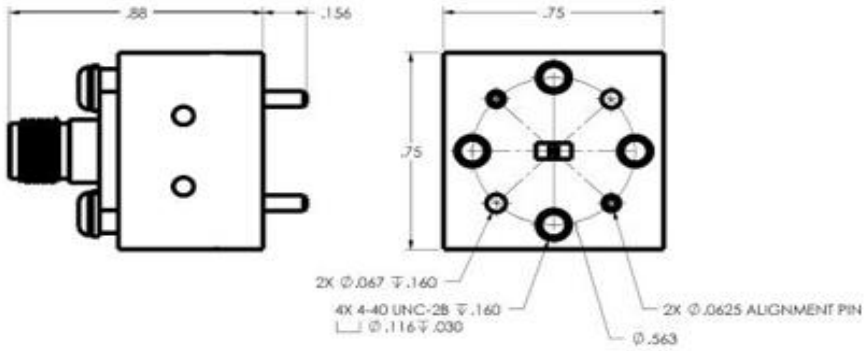
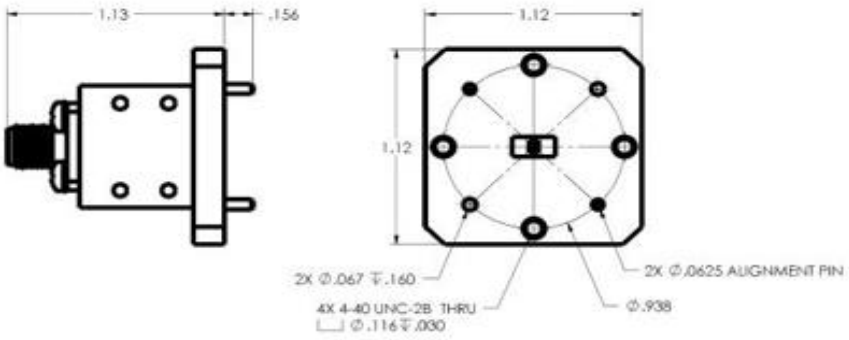
Outlines



V-Band Doubler



Q-Band Doubler