



Specifications

FREQUENCY BAND	K	Ka	Q	U
Frequency Range (GHz)	18-26.5	26.5-40	33-50	40-60
Waveguide Size	WR-42	WR-28	WR-22	WR-19
Insertion Loss (dB max) ¹	0.5	0.5	0.6	0.7
Coupling Values, (dB at center frequency)	20 and 30 ± 2 dB			
Bandwidth (min)	20% of waveguide band			
Directivity (dB typ) ²	15			
Main Line VSWR (max)	1.15:1			
Secondary Line VSWR (max)	1.2:1			
Coupling Flatness (dB max)	± 1.5			

¹ Insertion loss is defined as the power loss in excess of the loss due to coupling.

² Directivity is the difference between power levels at the coupled port when input and output ports are interchanged.

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