

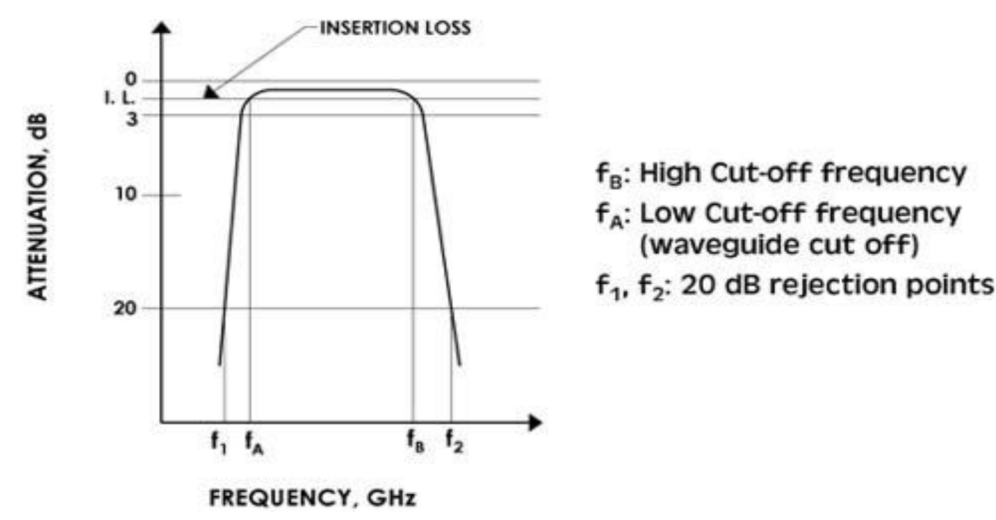
QFL Series

Low Pass Filters



SPECIFICATIONS

FREQUENCY BAND	K	Ka	Q	U	V	E	W
Frequency Range (GHz)	18-26.5	26.5-40	33-50	40-60	50-75	60-90	75-110
Waveguide Size	WR-42	WR-28	WR-22	WR-19	WR-15	WR-12	WR-10
3 dB Cutoff Frequency Range (GHz)	14.1-28.5	21.1-41.5	26.3-52.2	31.4-62.3	39.9-77.0	48.4-93.0	59.1-114.0
Insertion Loss (dB max)	1	1	1	1	1.2	1.5	1.8
Rejection Band (GHz)	30-100	48-120	60-145	72-185	90-220	108-270	132-330
Rejection Band for Attenuation >40 dB (GHz)	35-66	50-95	62-120	75-145	92-180	110-215	140-265



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MECHANICAL SPECIFICATIONS/OUTLINE DRAWINGS

FREQUENCY BAND	WAVEGUIDE SIZE	FLANGE PATTERN	OUTLINE DIMENSIONS, inches/mm	
			A, B	C
K	WR-42	UG-595/U	0.88/22.4	2.5/63.5
Ka	WR-28	UG-599/U	0.75/19.1	1.65/41.9
Q	WR-22	UG-383/U	1.14/28.9	1.5/38.1
U	WR-19	UG-383/U-M	1.14/28.9	1.5/38.1
V	WR-15	UG-385/U	0.75/19.1	1.0/25.4
E	WR-12	UG-387/U	0.75/19.1	1.0/25.4
W	WR-10	UG-387/U-M	0.75/19.1	1.0/25.4

