

JSW SERIES LOW-NOISE WAVEGUIDE AMPLIFIERS

MITEQ offers a complete line of waveguide amplifiers. Listed below is a sample of MITEQ's noise figure capabilities as a function of frequency. Various options for bandwidth, gain, noise figure, VSWR and output power are available. Please contact the factory with your specific requirements. All amplifiers are available with either waveguide or SMA (K) connectors on both input and output ports.

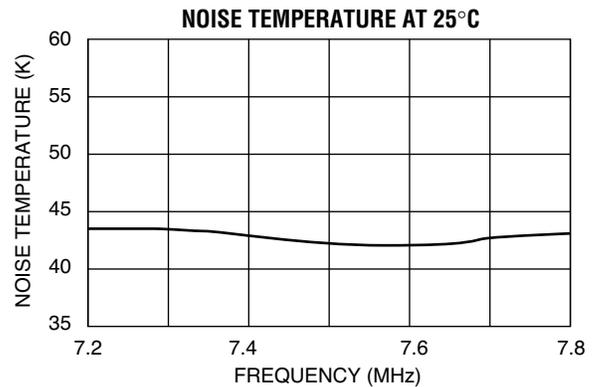


JSW4-26004000-30-8A

TYPICAL SPECIFICATIONS

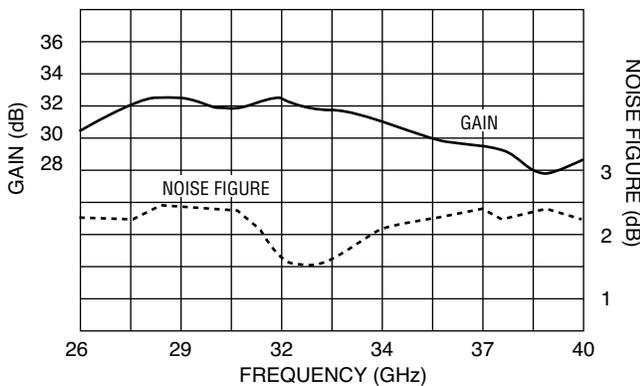
FREQUENCY (GHz)	FLANGE TYPE	NOISE FIGURE (dB, Max.)
3.4-4.2	WR229	0.45
7.2-7.8	WR137	0.65 (see graph)
7.5-11	WR112	0.65
8-12	WR90	0.9
10-15	WR75	1.4
12-18	WR62	1.5
18-26	WR42	2
26-40	WR28	3
33-50	WR22	Contact MITEQ
40-60	WR19	Contact MITEQ

X-BAND SATCOM LNA



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GAIN AND NOISE FIGURE vs. FREQUENCY



INPUT/OUTPUT RETURN LOSS

