

## Comparison of available MITEQ LNAs suitable for the 12m antenna S/X Receiver

Description	AMFW-8S-02200240-30-430F	AMFW-5S-02200230-30	AMFW-5S-02200240-30-430F	AMFW-5S-08100910-50
Frequency	2.2-2.4 GHz	2.2-2.3 GHz	2.2-2.4 GHz	8.1-9.1 GHz
Gain	70 dB	40 dB	40 dB	40 dB
Gain Flatness	±0.5 dB	±0.5 dB	±1.0 dB	±1.0 dB
NF	0.428 dB	0.428 dB	0.428 dB	0.691 dB
Noise Temp.	30 K	30 K	30 K	50 K
VSWR In	1.25:1 Max	1.25:1 Max	1.3:1 Max	1.5:1 Max
VSWR Out	1.5:1 Max	1.5:1 Max	1.5:1 Max	1.5:1 Max
P1dB Out	10 dBm	10 dBm	10 dBm	10 dBm
Voltage	15 V Nom	15 V Nom	15 V Nom	15 V Nom
Current	300 mA Nom	250 mA Nom	250 mA Nom	225 mA Nom
Operating Temp	-40- 60 °C	-40- 60 °C	-40- 60 °C	-55- 65 °C
Outline Dwg	148029	148029	148029	138968-1
Price	\$4,240	\$3,395	\$3,495	\$1,945

Preferred S-band Model

Preferred X-band Model