

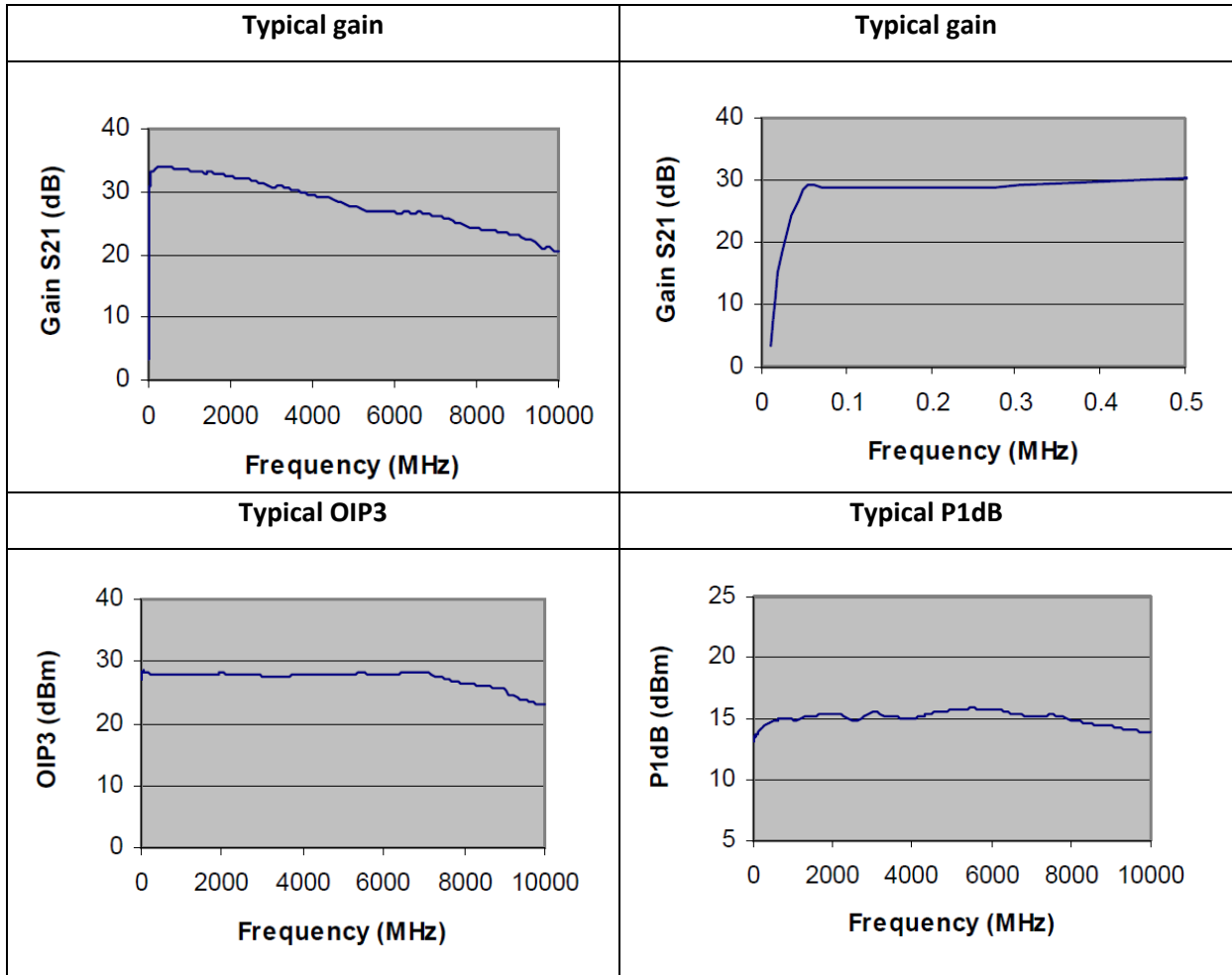
Ultra Wideband Low Noise Amp

- 100kHz to 10GHz
- Gain: 27.0dB
- NF: 5dB
- P1dB: +15.0dBm
- I/O matched 50Ω



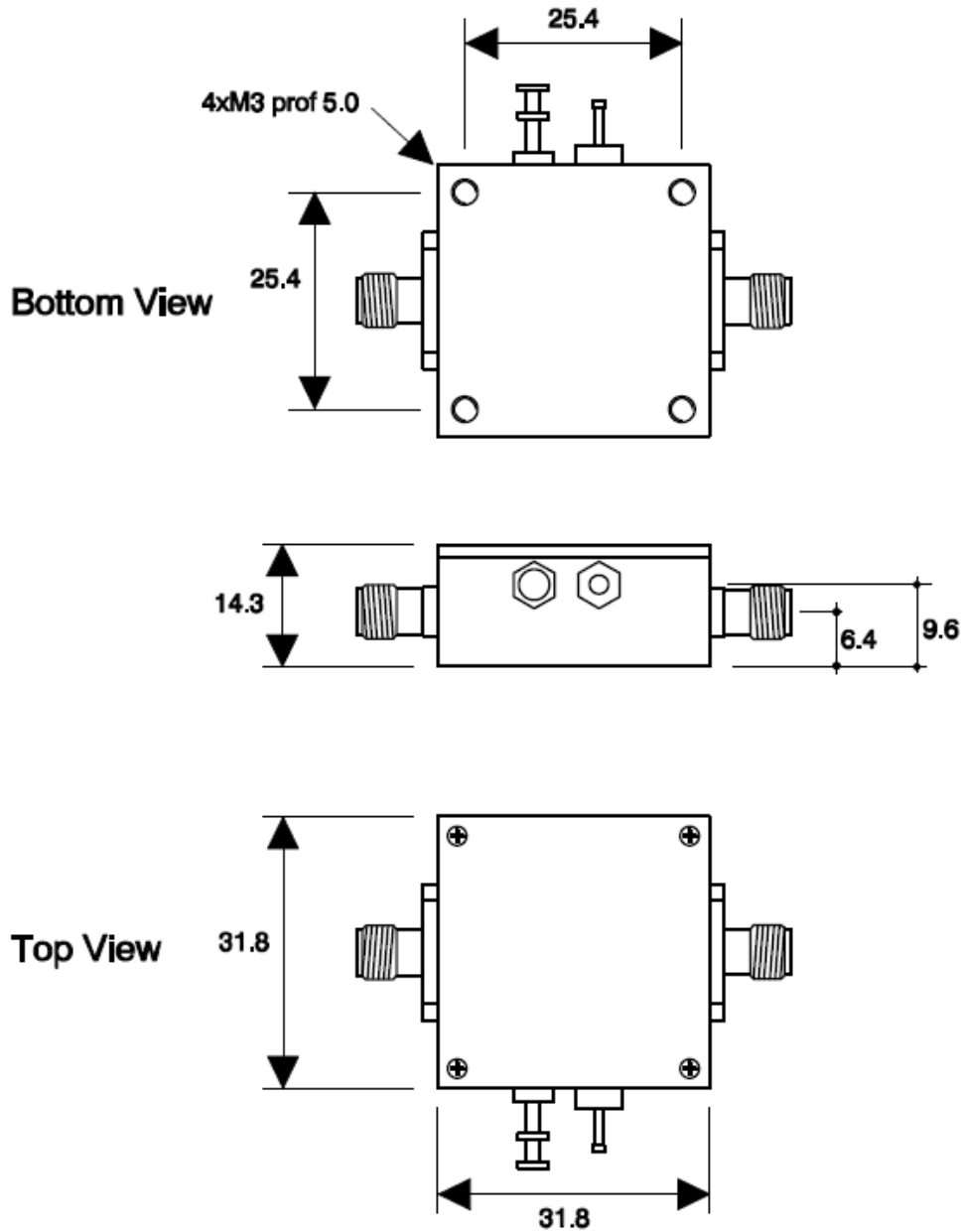
	Unit	Min	Typ.	Max.	
Bandwidth	MHz	0.1		10000	
Gain (S21):	dB	20.0	27.0	29.0	
Input match:				2.5:1	
Output match:				2.5:1	
Isolation:	dB		40		
OIP3:	dBm	23.0	28.0		
P1dB:	dBm	13.0	15.0		
NF:	dB		5.0		
Current sink	mA		110		Heatsink required
Power supply	V	10	12	18	
Operating case temperature	°C	-15		+60	
Storage temperature	°C	-55		+100	
Dimensions		See outline drawing			
Weight	g		34		

Measured at 25°C, in a 50Ω system at room temperature unless otherwise specified



ALN100k10G-27

Outline Drawing



All dimensions in mm
Tolerance: +/-0.1mm