

Ultra Wideband Low Noise Amp

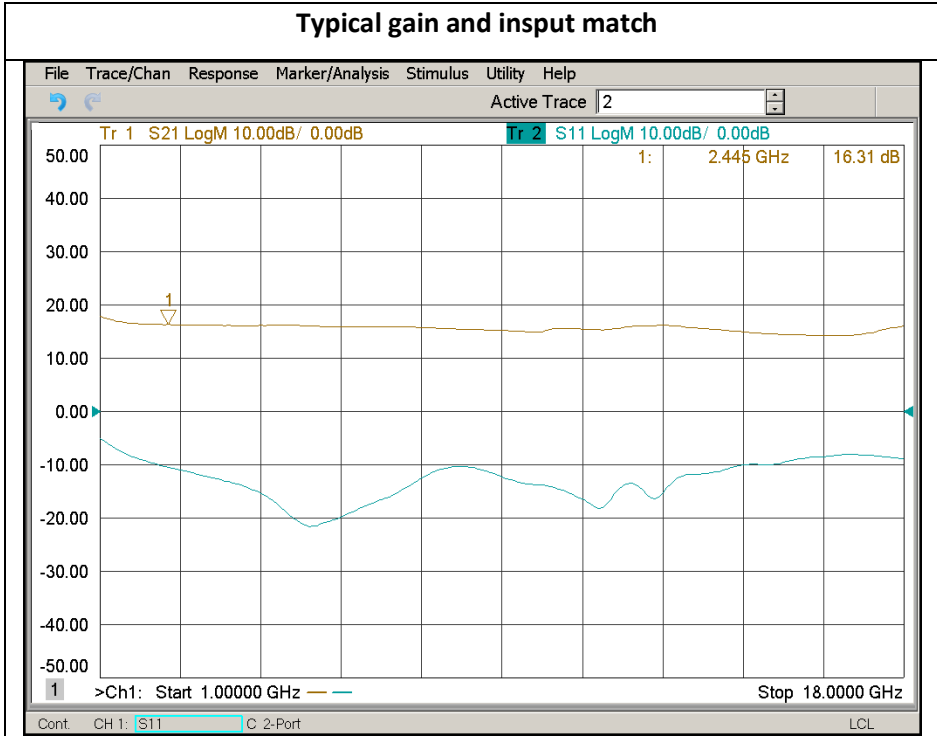
- 2GHz to 18GHz
- Gain: 15.0dB
- NF: 1.5dB min
- P1dB: +16.0dBm
- I/O matched 50Ω



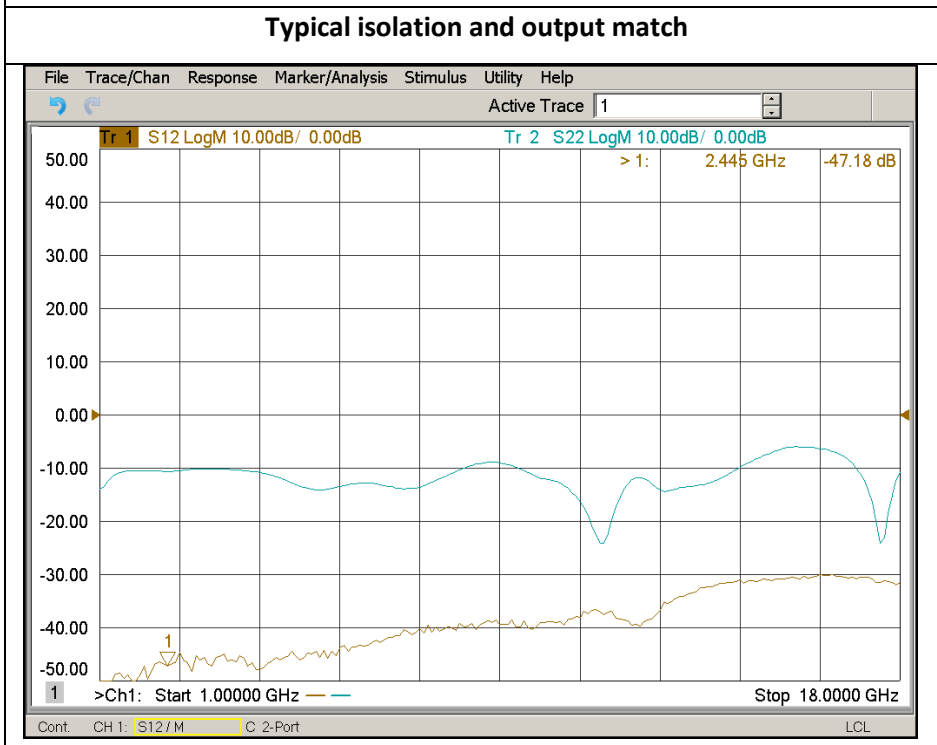
	Unit	Min	Typ.	Max.	
Bandwidth	GHz	2		18	
Gain (S21):	dB		15.0		
Flatness:	dB			±1.2	
Input match:				2.5:1	
Output match:				2.5:1	
Isolation:	dB		30		
OIP3:	dBm	22	25		
P1dB:	dBm		16.0		
NF:	dB	1.5	2.5	4.5	
Current sink	mA		85		Heatsink required
Power supply	V	6	12	14	
Operating case temperature	°C	-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

Typical gain and input match

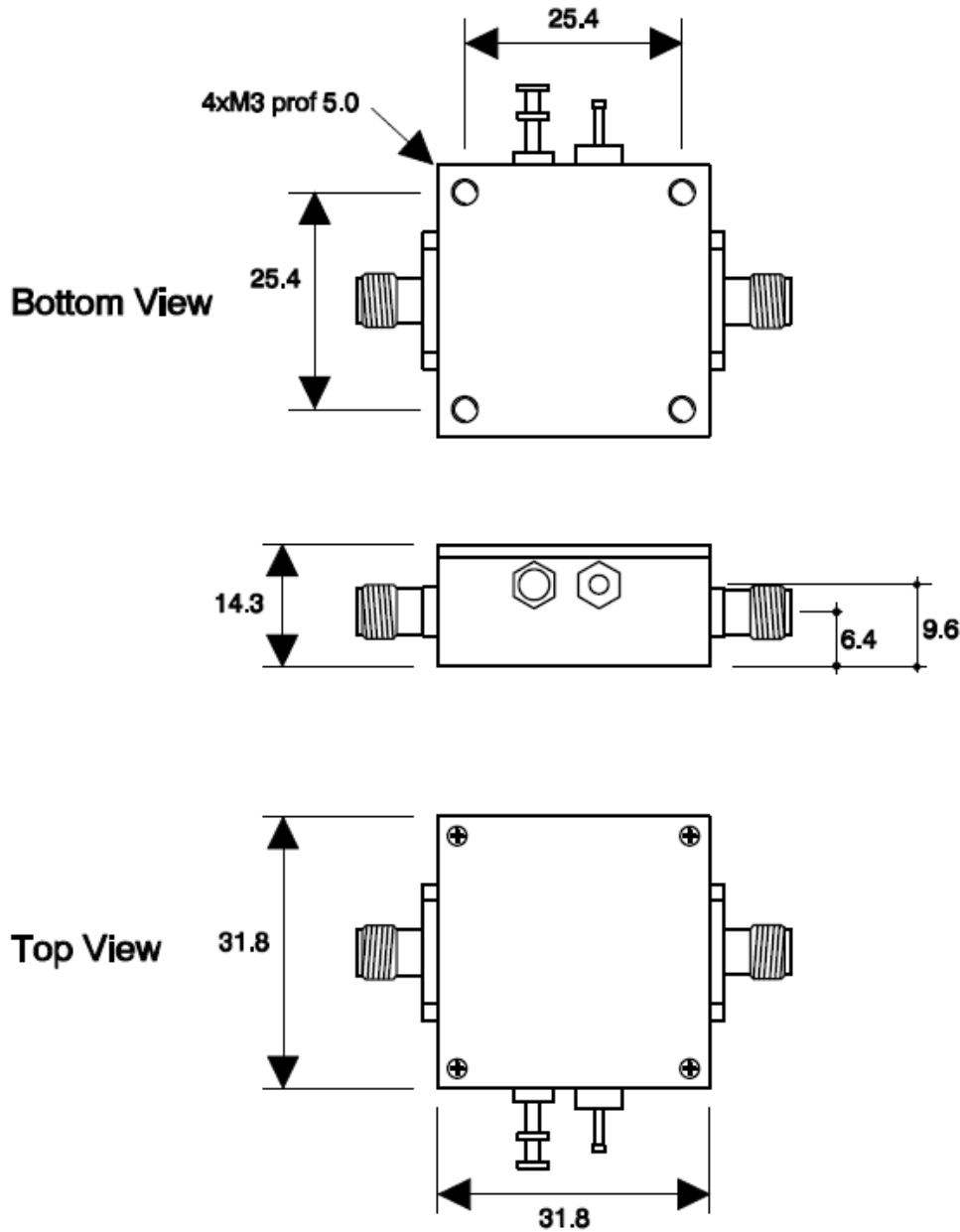


Typical isolation and output match



ALN2G18G-15

Outline Drawing



All dimensions in mm
Tolerance: +/-0.1mm