

ALN100k1.2G-40

Wideband Low Noise Amp

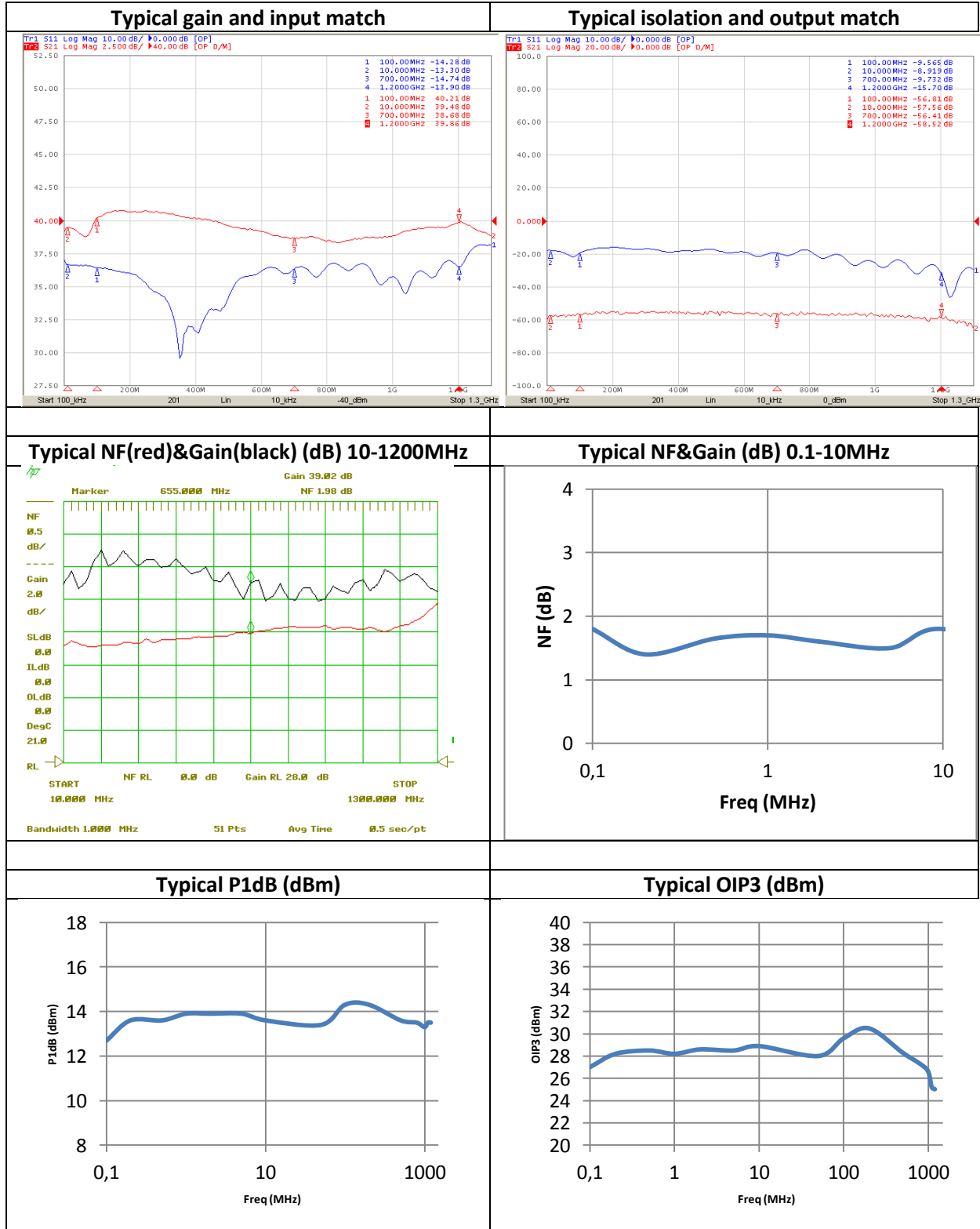
- 100kHz to 1200MHz
- Gain: 40.0dB
- Gain flatness better than ± 1.5 dB
- NF: 2.0dB typ
- P1dB: +13.0dBm
- OIP3: +27.0dBm
- I/O matched 50 Ω



	Unit	Min	Typ.	Max.	Note
Bandwidth	MHz	0.1		1200	
Gain (S21):	dB		40.0		
Flatness	dB			± 1.5	
Input match:	dB		-10		
Output match:	dB		-10		
Isolation:	dB	55			
OIP3:	dBm		27.0		
P1dB:	dBm		13.0		
NF:	dB		2.0	2.3	
Current sink	mA		80		
Power supply	V	10.5	12	18	
Operating case temperature	°C	-15		+60	
Storage temperature	°C	-55		+100	
Dimensions		See outline drawing			
Weight	g		85		

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

ALN100k1.2G-40



ALN100k1.2G-40

Outline Drawing (all dimensions in mm)

