

YSLA21-100-3000-1R3

Low Noise Amplifier | LNA | 0.1-3 GHz | 21 dBm Gain | 1.3 dB Noise Figure

Key Features

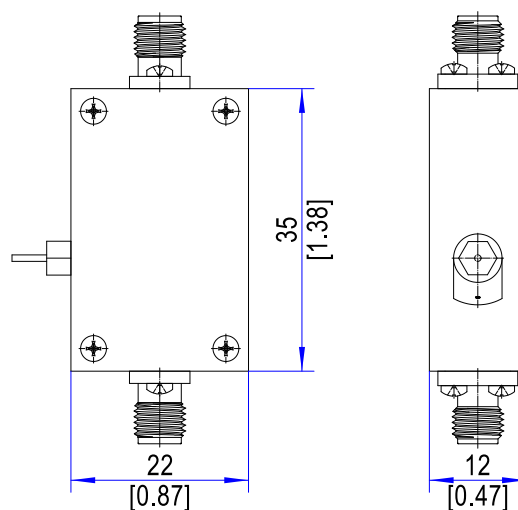
- Broadband operation: 0.1 - 3 GHz
- High gain low-noise amplifier
- Compact RF module

Applications

- RF receiver front-end
- Microwave communication systems
- Radar systems
- Satellite communication
- RF test and measurement

Electrical Specifications				
Parameter	Min.	Typ.	Max.	Unit
Frequency Range	0.1	-	3	GHz
Gain	-	21	-	dB
Gain Flatness	-	±2.5	-	dB
Noise Figure	-	1.3	-	dB
Output P1dB	-	20	-	dBm
Input VSWR	-	1.5:1	-	
Supply Voltage	3.3	5	6.0	V
Supply Current	-	80	-	mA
Environmental Specifications				
Operating Temperature	-20°C to +60°C			
Storage Temperature	-40°C to +85°C			
Mechanical Specifications				
Connectors	SMA Female			
Dimensions ¹	35×22×12 mm [1.38×0.87×0.47 in]			

Outline Drawing (Units: mm/[inch], Tolerance: ±0.3mm)



Note 1: Excluding Connectors