



Low Noise Amplifiers, Broadband 8.0 – 18.0 GHz with gain to 35 dB and P1dB to 20dBm



Order Examples: RLNA-8.0-18.0-35d-12V-Sf-1W-j18

Description: (Low Noise Amplifier, 8.0-18.0 GHz, 35dB Gain, 12 Volts, SMA Female Connectors, 30dBm (1watt)power

Parameter	Specification	Units
Frequency	8.0-18.0	GHz
Gain	35	dB min
Gain Flatness	±2.0	dB max
VSWR Input	2.0:1	
VSWR output	2.0:1	
Noise fig.	2.7	dB max
Power output P1dB	20	dBm min
Input Power Handling	15	dBm max
OIP3	+30	dBm Typ
Supply Voltage	+12	Volt DC
Current	400	mA max
Connectors	SMA	
Environmental		
Operating Temp	-40 To + 71	°C
Storage Temp	-54 To + 125	°C

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Specifications may be subject to change

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Drawing Dimensions and Package Type

