

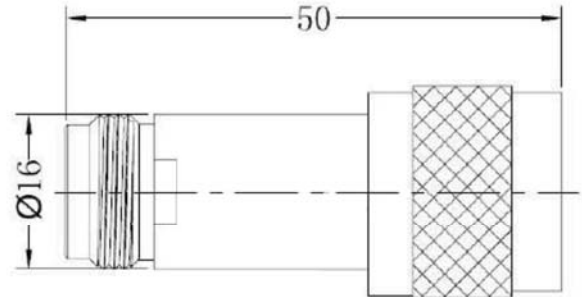
# LAT3002A-N

## Fixed Coaxial Attenuator



### Features

- Frequency range: DC to 3GHz
- Power rating: 2W
- Attenuation: 3,6,10,20,30dB
- Attenuation accuracy:
  - 1-10dB  $\pm 0.6$ dB
  - 11-30dB  $\pm 1.0$ dB



### Applications

- Communications
- Digital transmission
- Radar
- Testing

Package type: LAT3002A-N

Note: All dimensions shown in mm

### Electrical Characteristics

Parameter	Symbol	Conditions	Value			Units
			Min	Typ	Max	
Frequency Range	f		0		3000	MHz
Impedance	Z			50		$\Omega$
Standing Wave Ratio	VSWR	Pin=0dBm, T <sub>A</sub> =+25 °C		1.20		:1
Input Power (CW)	Pin	Pin=2W, T <sub>A</sub> =+25 °C, f=2130MHz			2	W
Input Power (Pulse)	Pin	T <sub>A</sub> =+25 °C, Pulse width of 5us; Duty cycle of 5%			50	W
Operating Temperature	T		-40		+55	°C

### Physical Characteristics

Name	Information
Connectors	Input: N-Male; Output: N-Female Not be reversed
Material	RoHS , Stainless steel
Weight	57g
Dimensions	Φ=16 mm, L=50mm

### Environmental Characteristics

Name	Standard	Remarks
Temperature Testing	GB/T	✓
Vibration Testing	GB/T	✓
Degradation Testing	GB/T	✓

Lottak reserves the right to change the circuitry and specifications without notice at any time.