

# Low PIM Attenuator

# RALXX100NA-A



555-6000MHz, 100 Watts, 160dBC, N type Connector

Rev 4

### Electrical

Impedance	50 ohm					
Frequency Range	555-6000 MHz					
Return Loss	≥18dB(Input Port)					
Input Avg Power	100W					
PIM (Intermod)	-160dBc min (with 2×20W tones at 850&2600MHz@25°C)					
Direction	Unidirectional, N female input, N female output (other configurations available)					
Attenuation(dB)	6	10	15	20	30	40
Accuracy(dB)	±2	±2	±2	±2	±2	±2

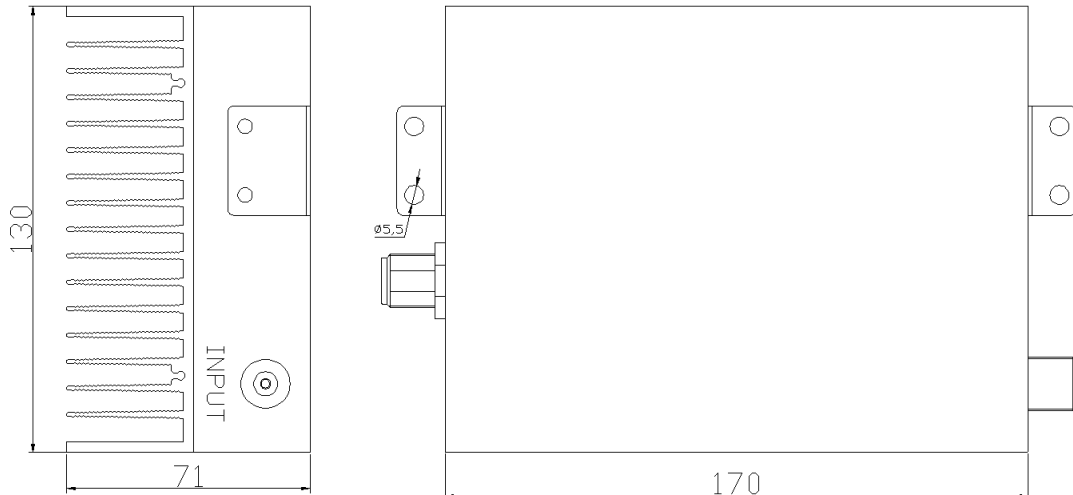
### Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Silver plated beryllium copper
Weight	Approx 1500g

### Environmental

Operating Temp	-40°C to 75°C
RoHS	Compliant
Ingress Protection	IP40 (IP65 available upon request)

### Dimensions(mm)



### Notes

- 1.Always pay attention to the direction of attenuators.
- 2.To maintain best performance, recommended to use fan to keep the case temperature under 85°C.
- 3.Customized dB values, outlines and optimal accuracy/VSWR available.

### Model Description

#### RALXX100NA-A

- 1.XX for dB value: 06=6dB,30=30dB
- 2.Code for connector configuration:  
A=female for two ends; B=male for two ends  
C=female for input and male for output;  
D=male for input and female for output.