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℃)
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

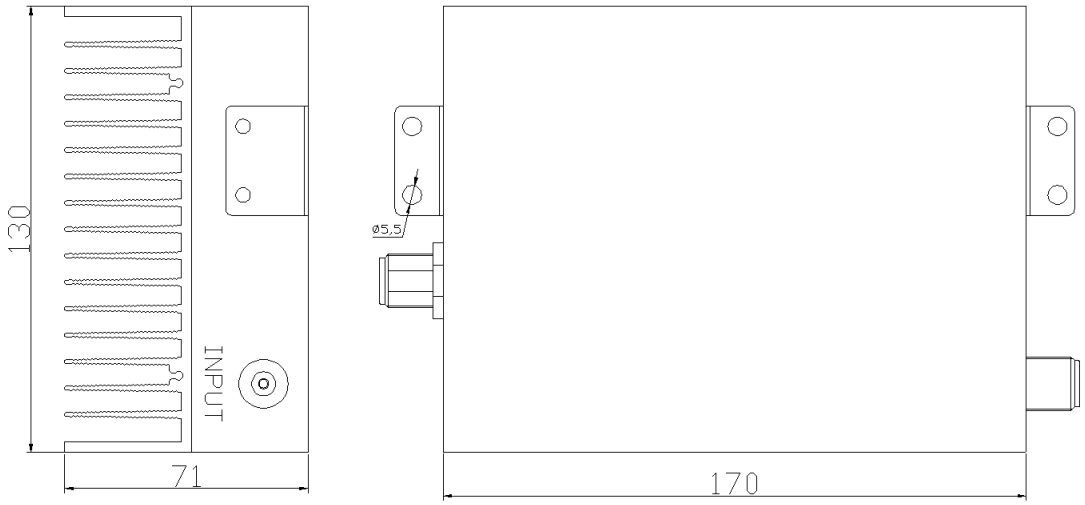
Mechanical

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

Environmental

Operating Temp	-40℃ to 75℃
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℃.
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.