

Low PIM Attenuator

RAL0650NC-B



698-6000MHz, 50 Watts, 140dBC, N type Connector

Rev 3

Electrical

Impedance	50 ohm
Frequency Range	698-6000 MHz
Return Loss	≥18.9dB(698-4000MHz), ≥16.5dB(4000-6000MHz)
Input Avg Power	50W
PIM (Intermod)	-140dBc min (with 2×20W tones at 900/1800/2100/2630MHz@25°C)
Direction	Unidirectional, N female input, N male output (other configurations available)
Nominal Attenuation	6dB
Attenuation Accuracy	±1.5dB

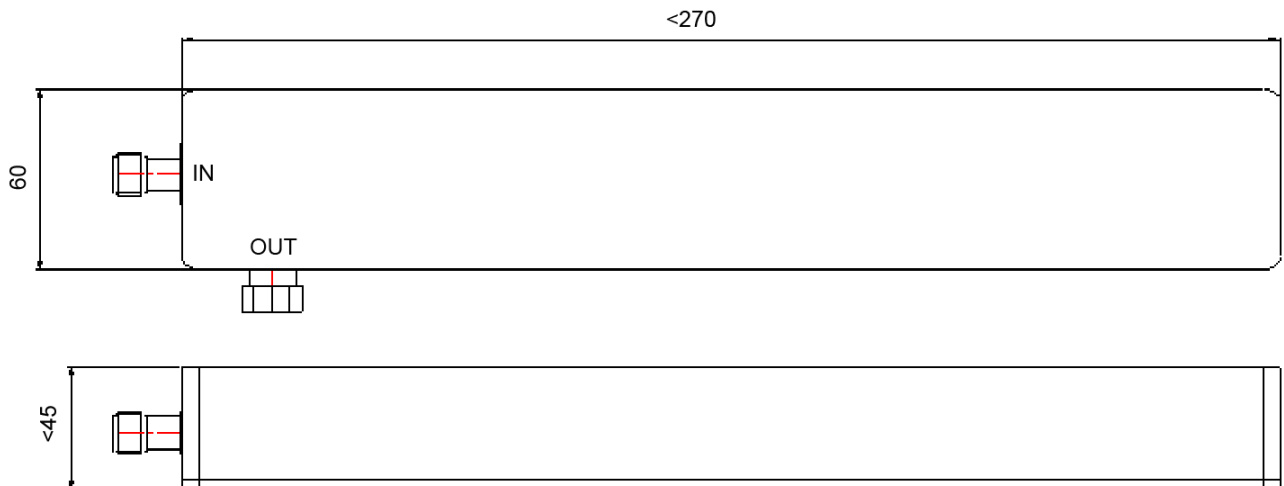
Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Silver plated beryllium copper/brass

Environmental

Operating Temp	-25°C to 60°C
Ingress Protection	IP40 (IP65 available upon request)
RoHS	Compliant

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

RALXX50NC-B

- 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.