

Low PIM Attenuator

RALXX300FA



***555-6000MHz, 300 Watts, 160dBC, 4.3-10 Connector**

Rev 2

Electrical

Impedance	50 ohm					
Frequency Range	*555-6000 MHz for 6-30dB, 555-4000MHz for 40dB					
Return Loss	≥ 18dB (Input Port)					
Input Avg Power	300W@ 25°C ambient, derating linearly to 30W at 100°C					
PIM (Intermod)	-160dBc min (with 2×20W tones at 850&2600MHz@25°C)					
Direction	Unidirectional, 4.3-10 female input, 4.3-10 female output (other configurations available)					

Attenuation(dB)	6	10	15	20	30	*40
Accuracy(dB)	±2	±2	±2	±2	±2	±2

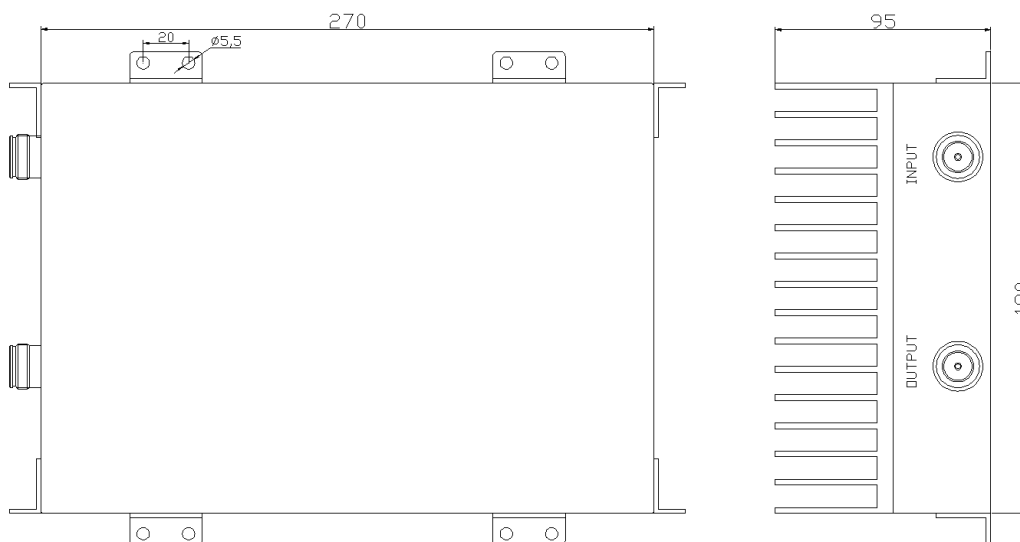
Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Silver plated beryllium copper
Net Weight	About 5 kg

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

RALXX300FA

- 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.