

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

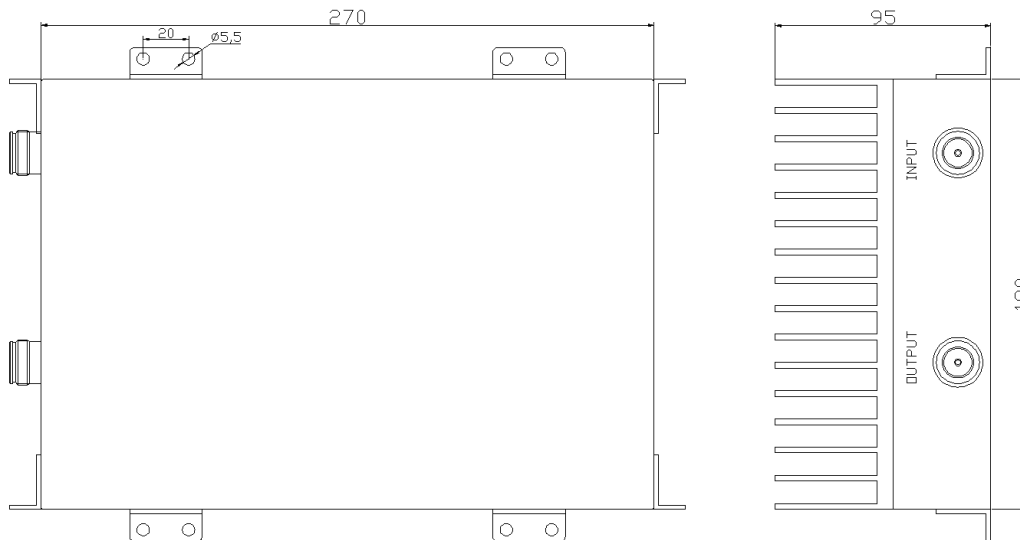
Mechanical

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