

# Low PIM Attenuator

# RAL30200FA-C



400-6000MHz, 30dB, 200 Watts, 160dBC, 4.3-10 Connector

Rev 3

### Electrical

Impedance	50 ohm
Frequency Range	400-6000 MHz
Return Loss	≥18dB(Input Port), ≥16dB(Output Port)
Input Avg Power	200W@ 25°C ambient, derating linearly to 20W 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)	30
Accuracy(dB)	±1.6

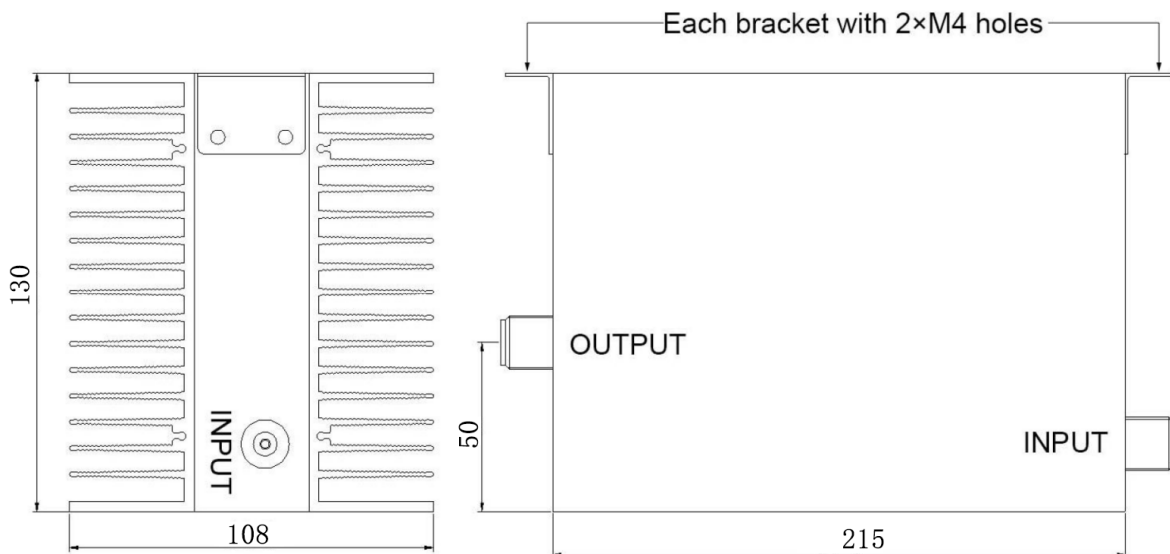
### Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Silver plated beryllium copper
Weight	Approx 2.5 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

#### RALXX200FA-C

- 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.