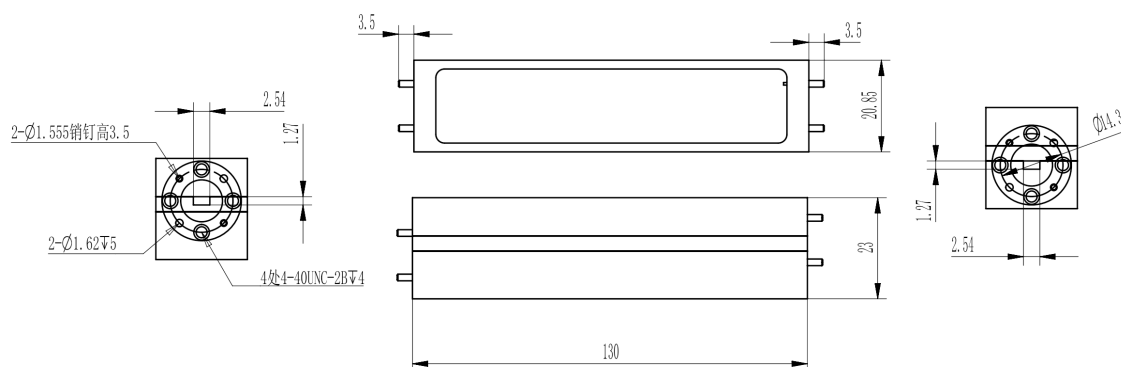


WR10(BJ900) Waveguide Fixed Attenuator, **RWA105A-XX** 73.8-112GHz, 5W, 10-30dB, Bidirectional, FUGP900 Flange

Dimensions(mm) Tolerance $\pm 1\%$



Electrical & Environmental

Frequency Range	73.8-112GHz
VSWR	1.2 Max
Input Avg Power	5W @25°C
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional
Attenuation	10-30dB
Operating Temp	-55°C~+100°C

Product Selection, Customizable

RFTOP P/N	ATTEN	Accuracy
RWA105A-10	10 dB	± 1.0 dB
RWA105A-20	20 dB	± 1.0 dB
RWA105A-30	30 dB	± 1.0 dB

Notes: Pay attention to input/output. To ensure longevity and performance, do not use at full power for a long time. Peak power, pulse width, and duty cycle need to meet the requirements. Input high power, require heat dissipation, maintain temperature within 60°C. Reference Curve, derate linearly to 0.5W at 100°C.

Mechanical & Product Information

Product Number	RWA105A-XX
Product Type	Waveguide Fixed Attenuator, P-Grade
Waveguide	WR10(BJ900) , FUGP900圆形法兰
Waveguide Body	Copper, gold plated
Waveguide Cavity	Copper, gold plated
Heat Sink	Black anodized aluminum

1. Customized connectors, dimensions, directionality, PIM, dB values.
2. Refer to the RFTOP attenuator selection and usage guide.

Power derating Versus temperature

