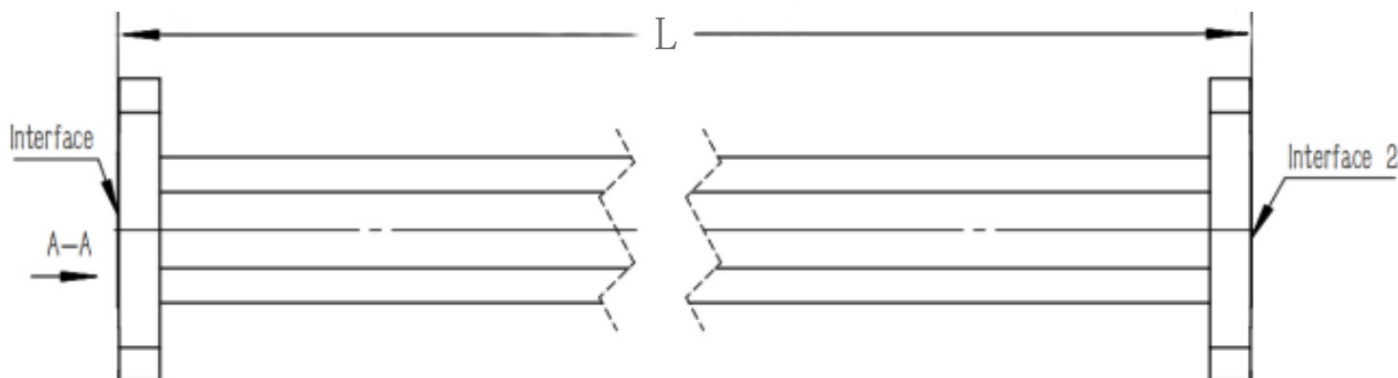


WR42(R220) Flexible Waveguide, **RWGFT42G-L** 17.6-26.7GHz, 100W, PBR220 Flange/UBR220 Flange, Twistable

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



Electrical & Environmental

Frequency Range	17.6-26.7GHz
VSWR	<1.25 Max(<1000mm); 1.35 Max (≥ 1000 mm)
Input Avg Power	<100W @25°C
Min Bend Radius	<38mm/E 76mm/H
Repeated Bend Radius	<80mm/E 160mm/H
Max. Torsion Angle	<510°/m
Operating Pressure	<45psi Max
Temperature Range	-40°C~+75°C

Product Selection, Customizable		
RFTOP P/N	L(mm)	IL(dB)
RWGFT42G-300	300	≤ 0.79
RWGFT42G-600	600	≤ 1.57
RWGFT42G-900	900	≤ 2.36
RWGFT42G-1.2M	1200	≤ 3.14

Notes

1. Customized services include: length and structure and flange type.
2. The marked loss is the theoretical estimated loss, for reference only, the specific product after processing test shall prevail.
3. Please refer to the second page of the specification of typical electrical performance measured curve.

Mechanical & Product Information

Product Number	RWGFT42G-L
Product Type	Flexible Waveguide
Waveguide 1	WR42(R220), PBR220 Flange
Waveguide 2	WR42(R220), UBR220 Flange
Waveguide Body	Brass
Center Contact	Brass, silver plating