

Waveguide to Coaxial Adapter **AWR42292**

WR42 to 2.92mm Female, UBR220 Flange, Right Angle



Rev 4

Electrical

Frequency Range	17.6-26.7 GHz
VSWR	1.2 max

Configuration

Waveguide Size	IEC	220
	EIA	WR42
Flange Type	IEC	UBR220
Coax Connector	2.92mm Female	
Body Geometry	Right Angle	

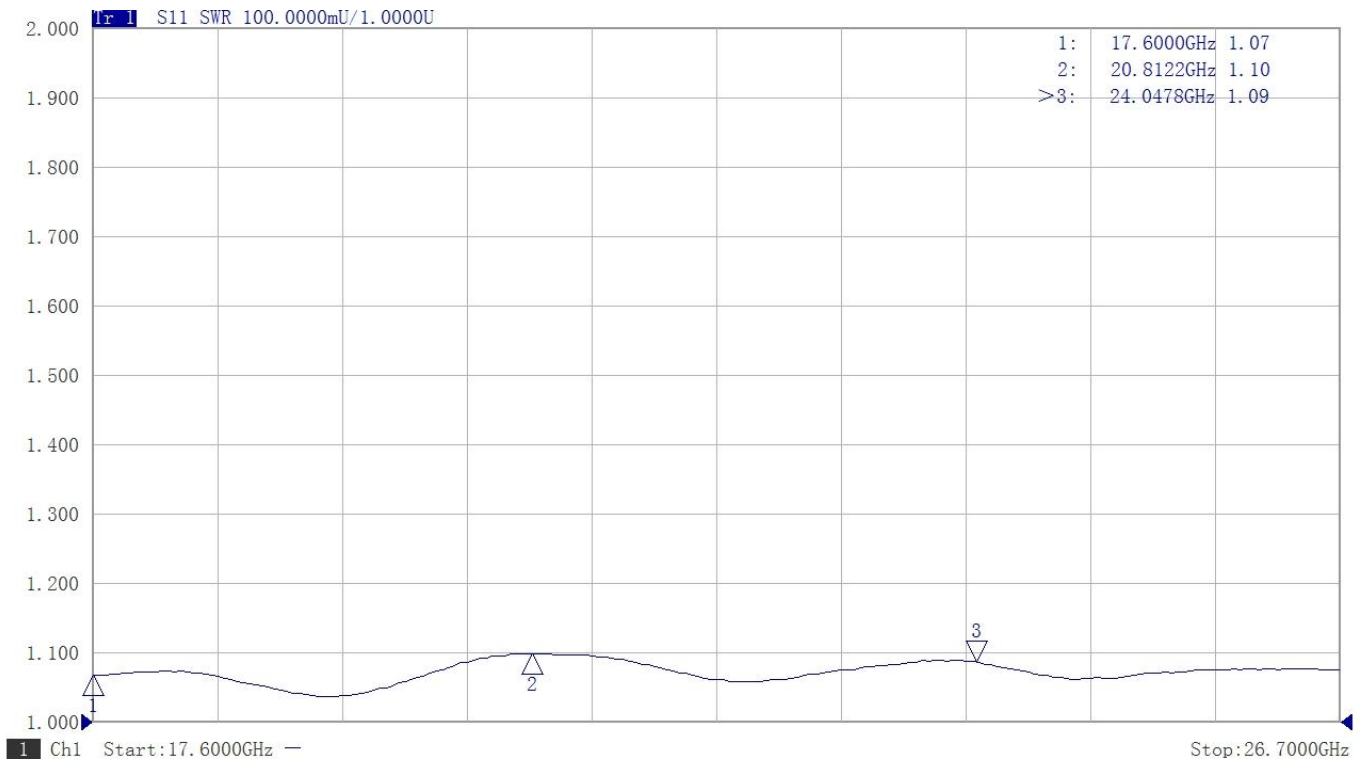
Materials

Waveguide Body	Brass, black or grey painted
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper

Mechanical & Environmental

Operating Temp	-40°C to 70°C
Connector Interface	MIL-STD-348
RoHS	Compliant

Typical Test Data



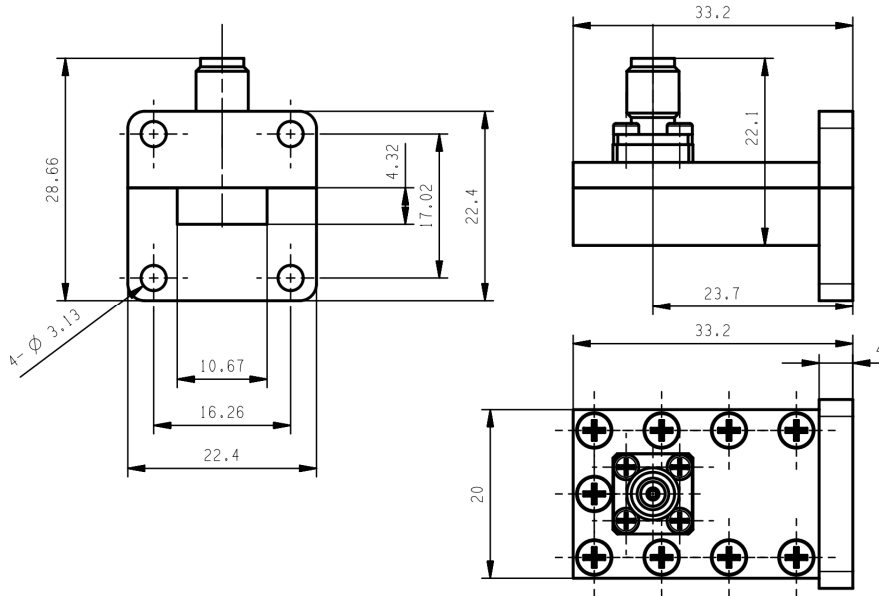
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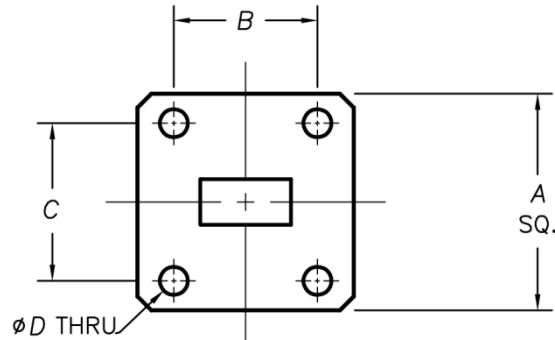


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Dimensions(mm)



Flange Comparison (Unit mm)



WG SIZE	CONFORMING STANDARD	A	B	C	D
WR42	RF ONE:AWR42292	22.4	16.26	17.02	3.1
	IEC60154:UBR220	22.4	16.26	17.02	3.00

* The purpose of this size comparison is to provide a quick overview of different flange standards.

* Great care has been given nevertheless there might be a few mistakes.

* Please check the flange compatibility before ordering. Customized flanges are available.