

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			

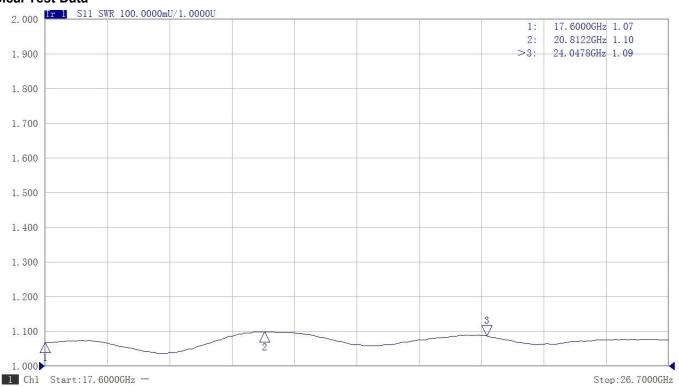
Materials

Waveguide Body	Copper, 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





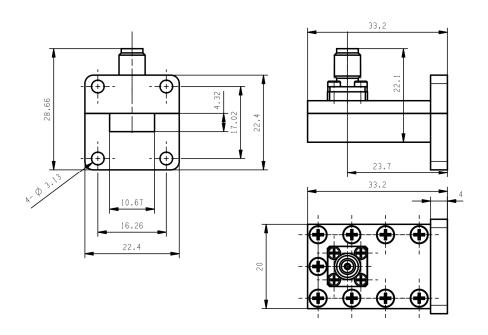
Waveguide to Coaxial Adapter AWR42292

WR42 to 2.92mm Female, UBR220 Flange, Right Angle

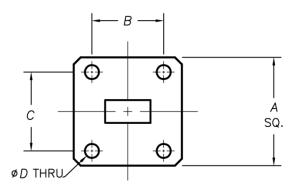


Rev 4

Dimensions(mm)



Flange Comparison (Unit mm)



WG SIZE	CONFORMING STANDARD	Α	В	С	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.