ADPWR62SMA

WR62 to SMA Female Waveguide to Coaxial Adapter
UBR140 Flange, Right Angle



Electrical

Frequency Range	11.9-18 GHz
VSWR	1.2 max

Configuration

Waveguide Size	IEC	R140
	EIA	WR62
Flange	IEC	UBR140
	North America	Al alloy :M3922/53-006(UG1665/U) Cu alloy:M3922/53-005(UG419/U)
Coax Connector	SMA Female	
Body Geometry	Right Angle	

Mechanical & Environmental

Waveguide Body	Aluminum, conductive oxidation, anti-corrosive paint
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Operating Temperature	-40℃ to +85℃
Connector Interface	MIL-STD-348
RoHS	Compliant under exemptions 6 (b) or 6 (c)
Net Weight	Approx 25g

Note

* Flange size may not be 100% identical with the above listed standards, but are compatible. Refer to the next page for comparison table.

* Paint in grey or black by default, other colors available.

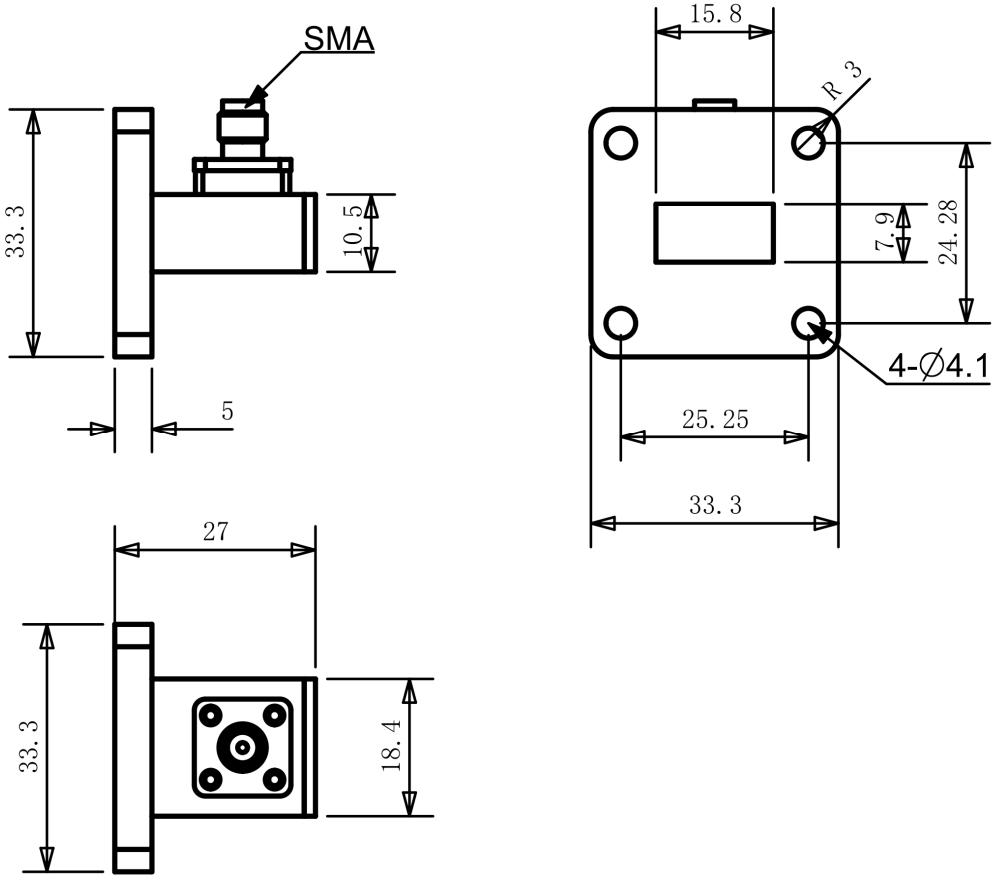
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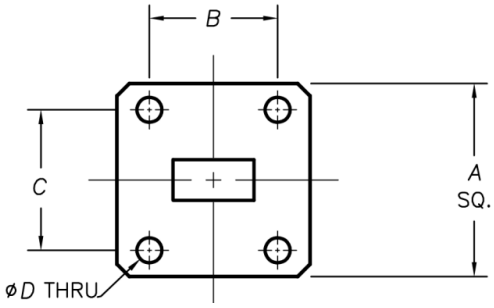
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Dimensions(mm)



Flange Comparison (mm)



* The purpose of this comparison is to provide a quick reference 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.

WG SIZE	CONFORMING STANDARD	A	B	C	D
WR62	IEC60154:UBR140	33.30	25.24	24.28	4.00
	USA:MIL3922/53-006(UG1665/U)	33.35	25.24	24.28	3.66

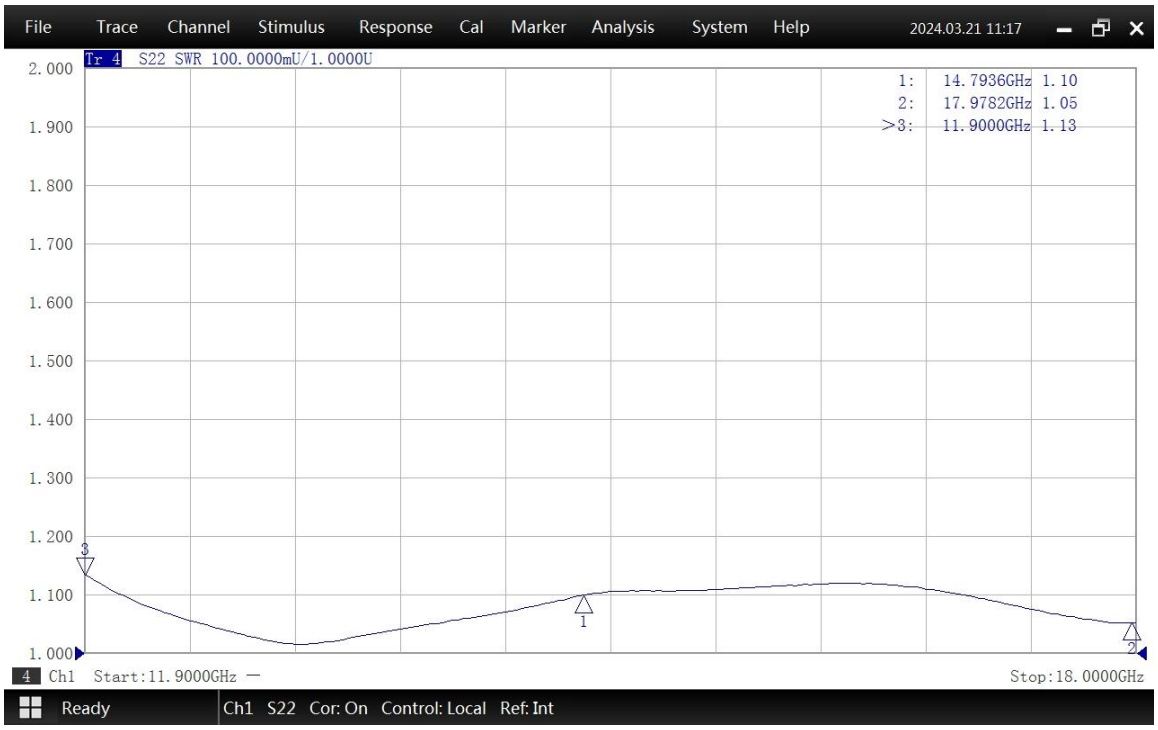
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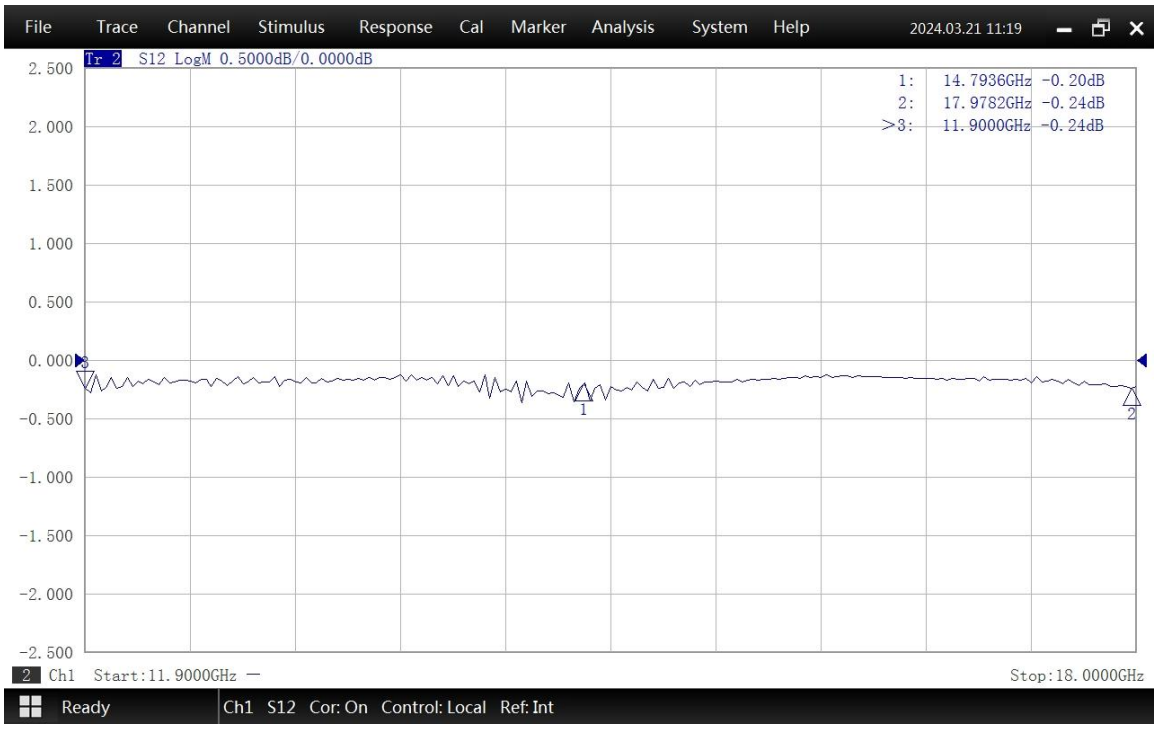
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Typical Test Data at 25℃



VSWR



Insertion Loss*

* In Insertion Loss (IL) testing, adapters are measured back-to-back. To obtain the loss of a single adapter, divide the measured value by two.