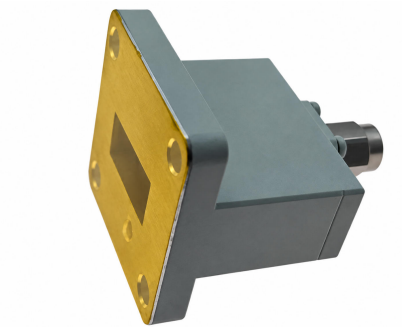
ADPWR62SMAMEL

WR62 to SMA Male Waveguide to Coaxial Adapter
UBR140 Flange, End Launch



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 Male	
Body Geometry	End Launch	

Mechanical & Environmental

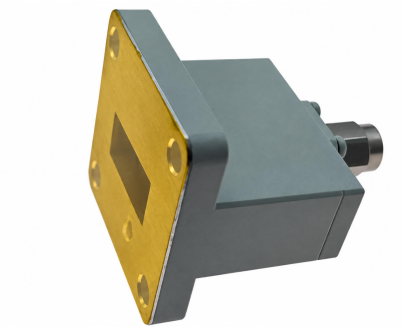
Waveguide Body	Aluminum, conductive oxidation, anti-corrosive paint
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass
Operating Temperature	-40℃ to +85℃
Connector Interface	MIL-STD-348
RoHS	Compliant under exemptions 6 (b) or 6 (c)
Net Weight	Approx 40g

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.

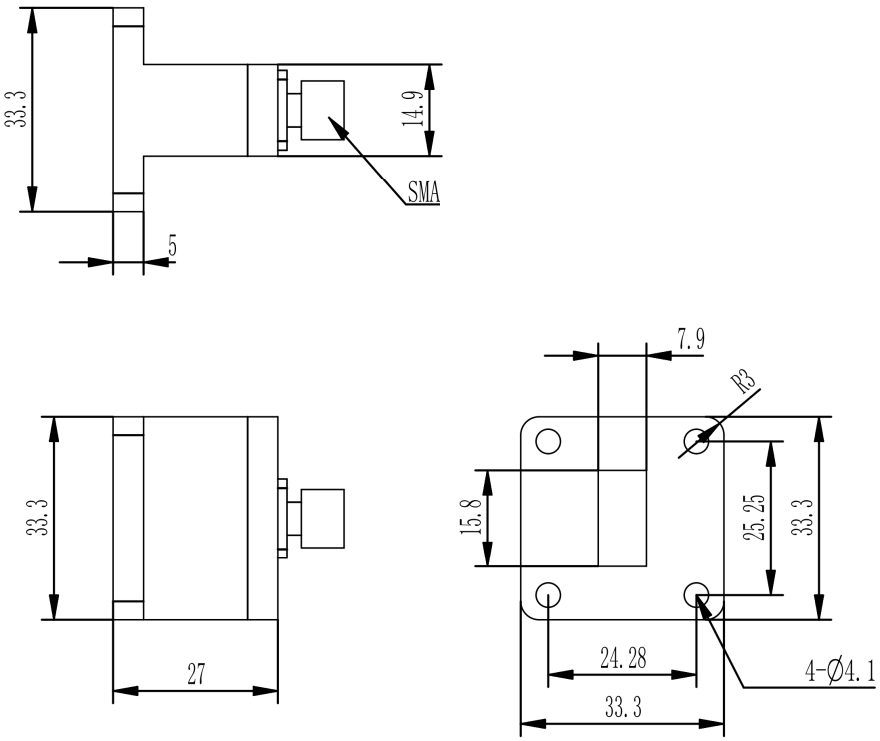
ADPWR62SMAMEL



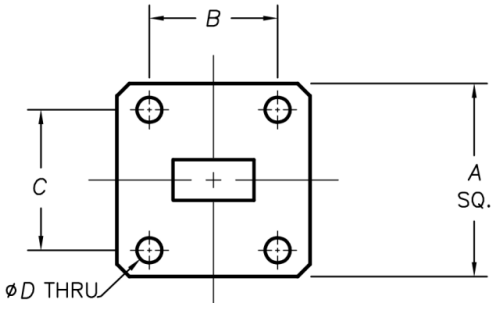
WR62 to SMA Male Waveguide to Coaxial Adapter

UBR140 Flange, End Launch

Dimensions(mm)



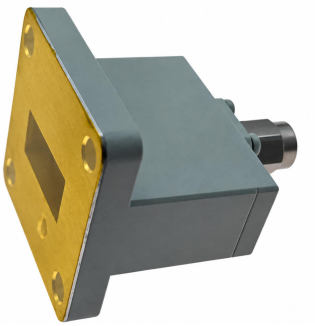
Flange Comparison (mm)



* 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

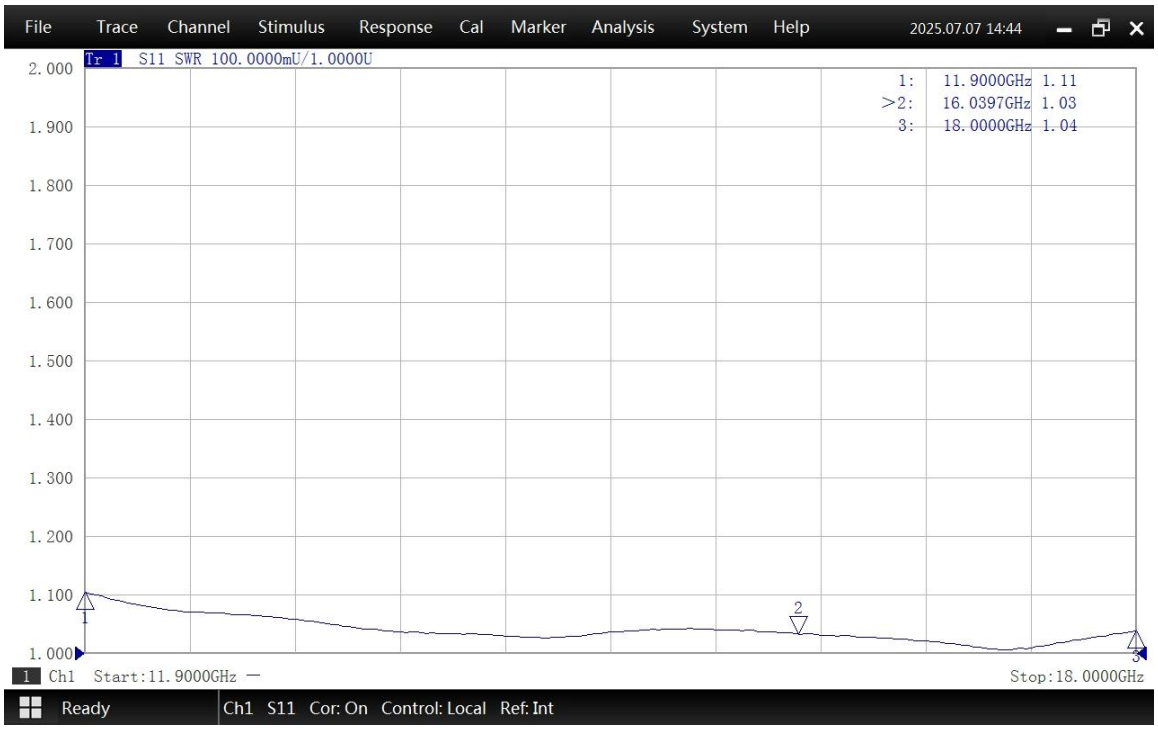
ADPWR62SMAMEL



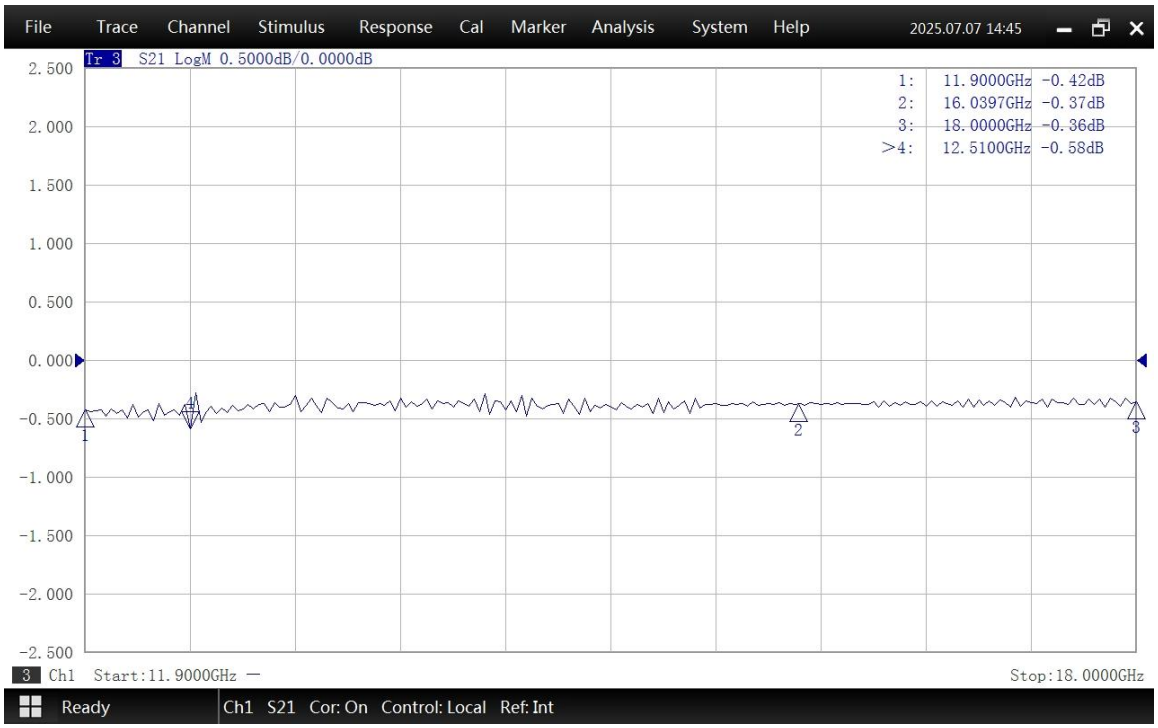
WR62 to SMA Male Waveguide to Coaxial Adapter

UBR140 Flange, End Launch

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.