

137WLPL WR137 Waveguide Low Power Load 5.85-8.2GHz with Rectangular Waveguide Interface

WR137 Waveguide Low Power Load Operating From 5.85 to 8.2GHz with Rectangular Waveguide Interface



### Product Information

SKU	137WLPL
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### Description

Waveguide low power load 137WLPL, operating from 5.85 to 8.2GHz and low VSWR 1.04:1 137WLPL covers the WR137 sub waveguide band and comes with one flange FDP70(UDR70). It can handle 6W continuously and 6KW peak power. The WLPL series are for general version, low VSWR terminations for system application. The typical applications include system or test bench set-ups and small moderate power dummy loads.

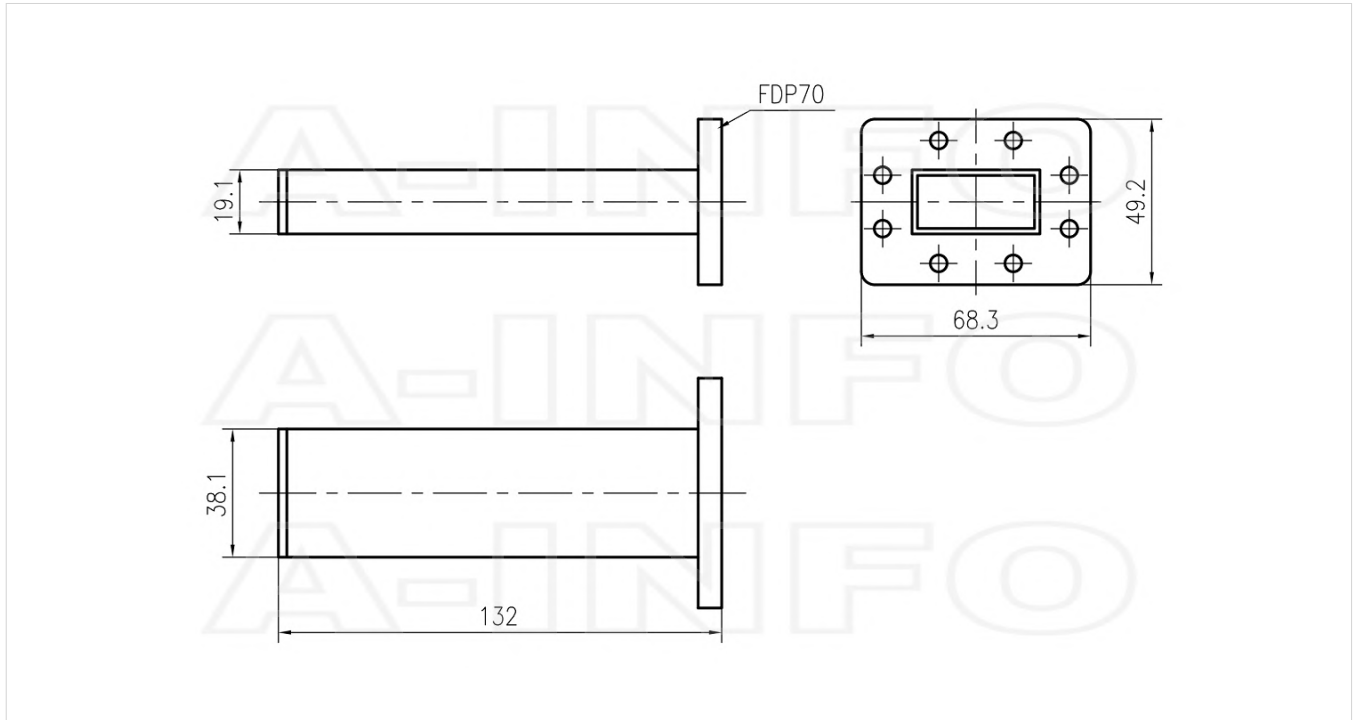
### Technical Specification

Electrical Specification		Mechanical Specification	
WG Load Type	Low Power	Body Material	Al
Waveguide Band	C X	Size, L (mm)	132
Waveguide Type	Rectangular	Size, W (mm)	68.3
Waveguide Size EIA WR	WR137	Size, H (mm)	49.2
Frequency, Min (GHz)	5.85	Weight, (kg)	3
Frequency, Max (GHz)	8.2	Pressure Sealed	No
VSWR, Typ	1.03:1	Environmental Specification	
VSWR, Max	1.04:1	Operating Temp. Low (°C)	-55
Power Handling, CW, (W)	6	Operating Temp. High (°C)	85
Power Handling, Peak, (KW)	6	Storage Temp. Low (°C)	-60
		Storage Temp. High (°C)	90
Interface			
Flange Style	Rectangular		
Flange Type	Cover		
Flange Designation	FDP70(UDR70)		

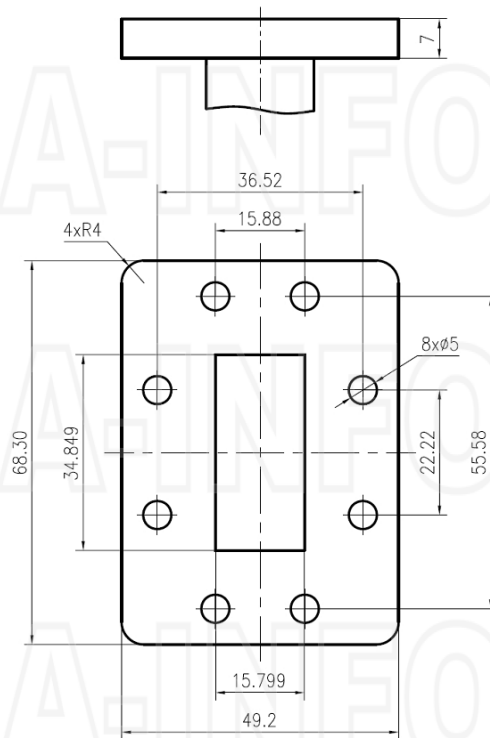
## Additional Information

Application	General Purpose Indoor & Outdoor, Fixed
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## Outline Drawing



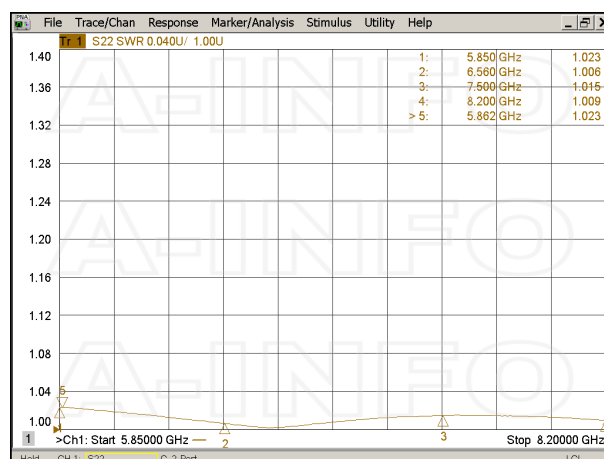
## Flange Drawing



FDP70

## Typical Test Results

### VSWR



## About this Datasheet

<ul style="list-style-type: none"><li>● <b>Product Information</b></li></ul> <p>Product Link: <a href="https://www.ainfoinc.com/137wpl-wr137-waveguide-low-power-load-5-85-8-2-ghz-fdp70-udr70">https://www.ainfoinc.com/137wpl-wr137-waveguide-low-power-load-5-85-8-2-ghz-fdp70-udr70</a> Data subject to change without notice. © A-INFO INC. 2024. All Rights Reserved</p>	<ul style="list-style-type: none"><li>● <b>Contact Us</b></li></ul> <p>Address: 60 Tesla, Irvine, CA 92618, USA</p> <p>Website: <a href="http://www.ainfoinc.com">www.ainfoinc.com</a></p> <p>Email: <a href="mailto:sales@ainfoinc.com">sales@ainfoinc.com</a></p>	<ul style="list-style-type: none"><li>● <b>Phone &amp; Fax</b></li></ul> <p>Phone: +1-949-639-9688 +1-949-639-9608</p> <p>Fax: +1-949-639-9670</p>
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