

229WLPL WR229 Waveguide Low Power Load 3.3-4.9GHz with Rectangular Waveguide Interface



WR229 Waveguide Low Power Load Operating From 3.3 to 4.9GHz with Rectangular Waveguide Interface

Product Information

SKU	229WLPL
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Description

Waveguide low power load 229WLPL, operating from 3.3 to 4.9GHz and low VSWR 1.05:1 229WLPL covers the WR229 sub waveguide band and comes with one flange FDP40(UDR40). It can handle 10W continuously and 10KW 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.

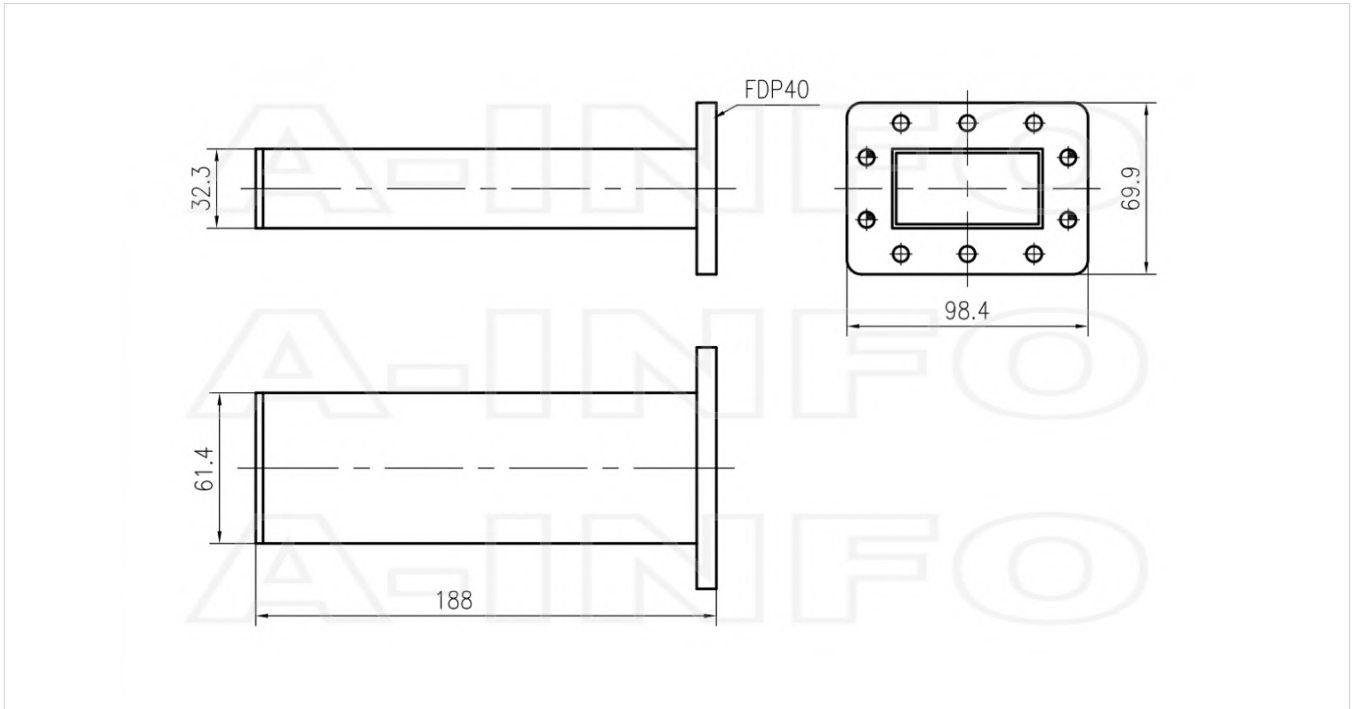
Technical Specification

Electrical Specification		Mechanical Specification	
WG Load Type	Low Power	Body Material	Al
Waveguide Band	S C	Size, L (mm)	188
Waveguide Type	Rectangular	Size, W (mm)	98.4
Waveguide Size EIA WR	WR229	Size, H (mm)	69.9
Frequency, Min (GHz)	3.3	Weight, (kg)	0.45
Frequency, Max (GHz)	4.9	Pressure Sealed	No
VSWR, Typ	1.04:1	Environmental Specification	
VSWR, Max	1.05:1	Operating Temp. Low (°C)	-55
Power Handling, CW, (W)	10	Operating Temp. High (°C)	85
Power Handling, Peak, (KW)	10	Storage Temp. Low (°C)	-60
		Storage Temp. High (°C)	90
Interface			
Flange Style	Rectangular		
Flange Type	Cover		
Flange Designation	FDP40(UDR40)		

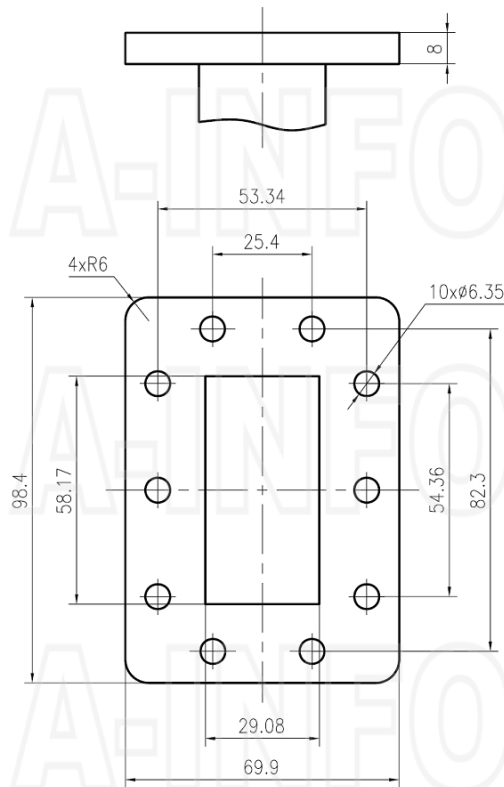
Additional Information

Application	General Purpose Indoor & Outdoor, Fixed
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Outline Drawing



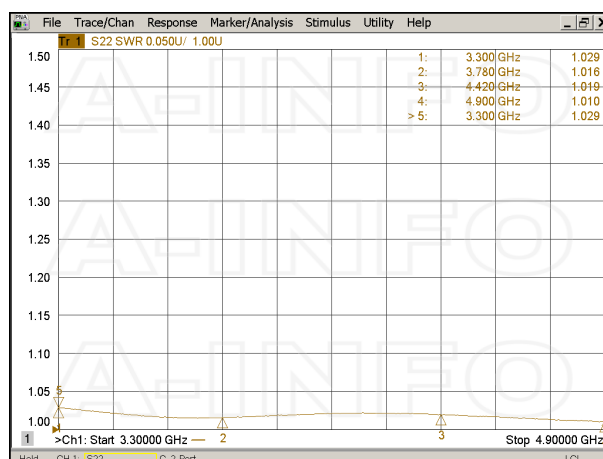
Flange Drawing



FDP40

Typical Test Results

VSWR



About this Datasheet

<ul style="list-style-type: none">● Product Information <p>Product Link: https://www.ainfoinc.com/229wlp-wr229-waveguide-low-power-load-3-3-4-9-ghz-fdp40-udr40 Data subject to change without notice. © A-INFO INC. 2024. All Rights Reserved</p>	<ul style="list-style-type: none">● Contact Us <p>Address: 60 Tesla, Irvine, CA 92618, USA</p> <p>Website: www.ainfoinc.com</p> <p>Email: sales@ainfoinc.com</p>	<ul style="list-style-type: none">● Phone & Fax <p>Phone: +1-949-639-9688 +1-949-639-9608</p> <p>Fax: +1-949-639-9670</p>
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