

229WPL WR229 Waveguide Precision Load 3.3-4.9GHz with Rectangular Waveguide Interface



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

Product Information

SKU	229WPL
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Description

Waveguide precision load 229WPL, operating from 3.3 to 4.9GHz and low VSWR 1.02:1. 229WPL covers the 229WPL sub waveguide band and comes with one flange FDP40(UDR40). It can handle 10 continuously and 10 peak power. A-INFO Precision Flange(APF) is available for this series. The WPL series low power waveguide fixed terminations are precision, low VSWR terminations suited to a wide variety of precision laboratory applications. The typical applications include full band one-Interface calibration and full two-Interface, isolation calibration. TRM (Thru-Reflect-Match) and SSLT (Short-Short-Load- Thru) calibration methods are supInterfaceed.

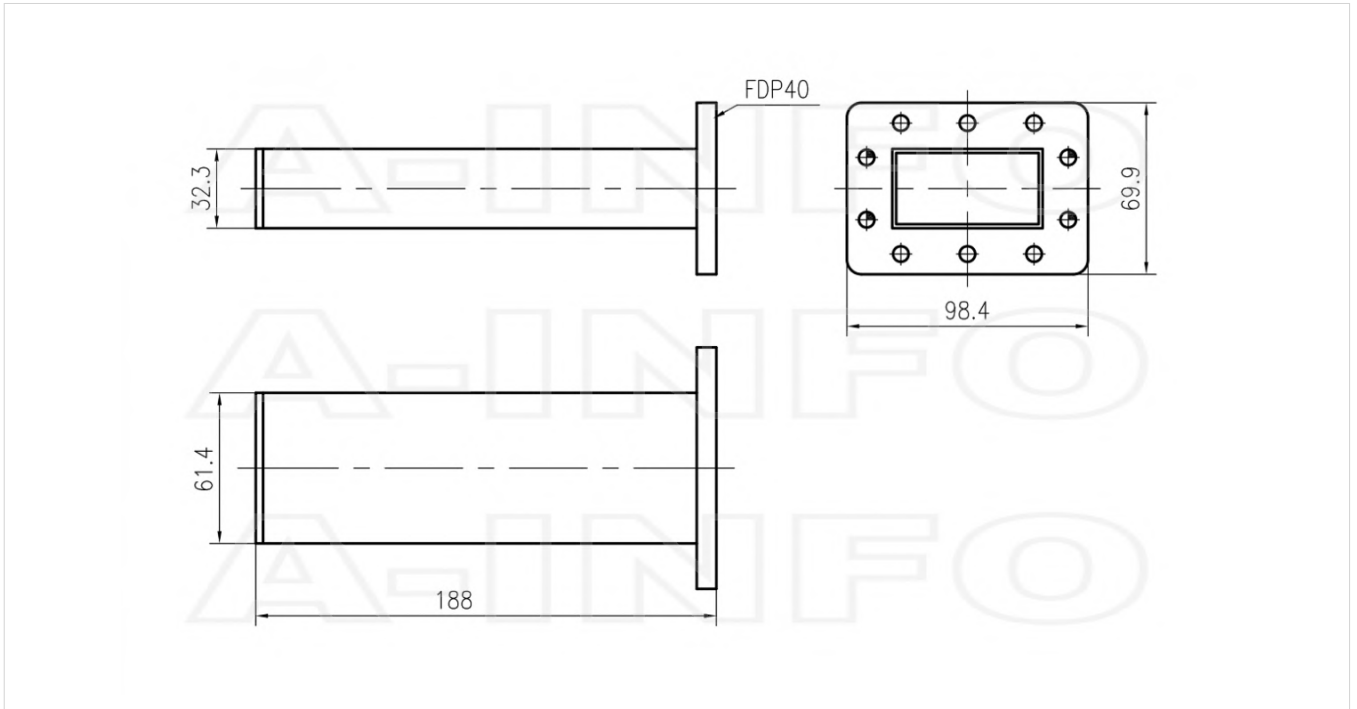
Technical Specification

Electrical Specification		Mechanical Specification	
WG Load Type	Precision	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	1.015:1	Environmental Specification	
VSWR, Max	1.02:1	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)		

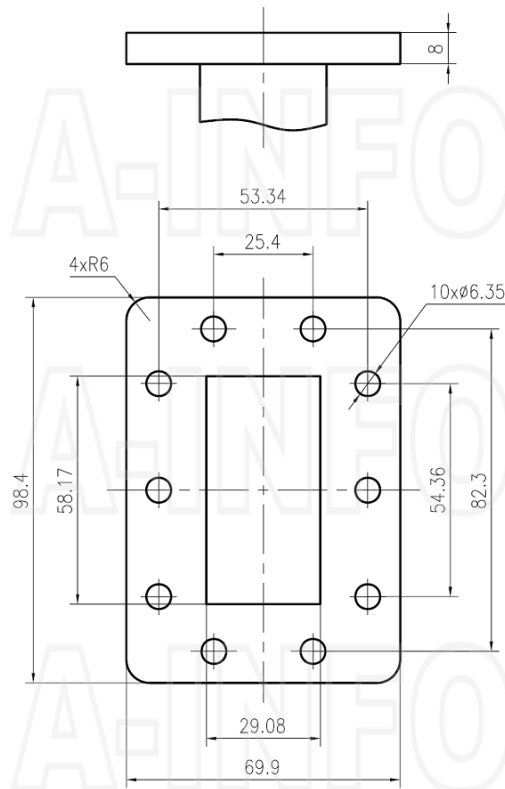
Additional Information

Application	General Purpose Indoor & Outdoor, Fixed
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Outline Drawing



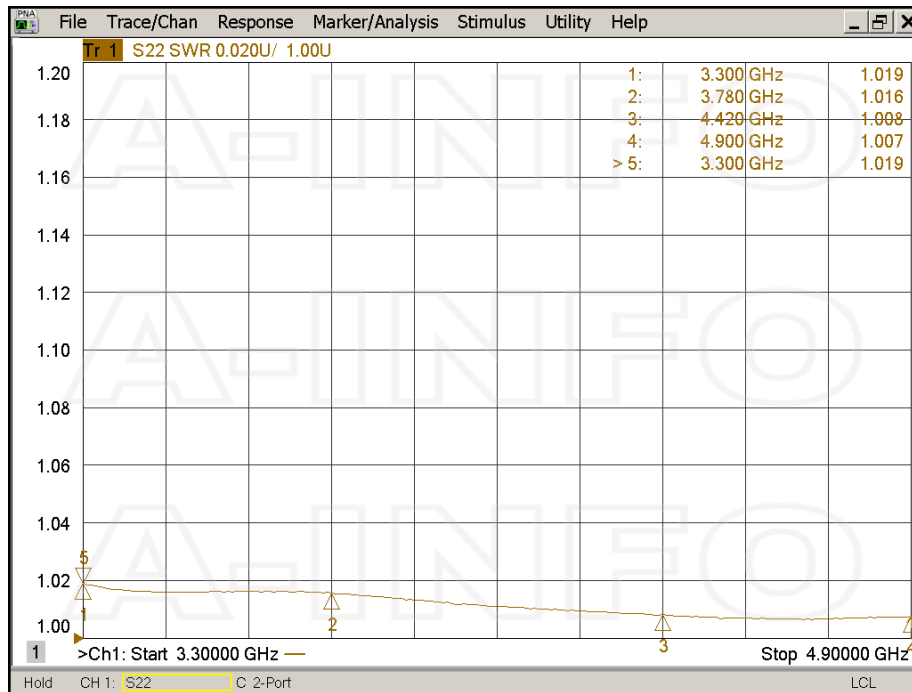
Flange Drawing



FDP40

Typical Test Results

VSWR



About this Datasheet

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