

90WLPL_DP WR90 Waveguide Low Power Load 8.2-12.4GHz with Rectangular Waveguide Interface



WR90 Waveguide Low Power Load Operating From 8.2 to 12.4GHz with Rectangular Waveguide Interface

Product Information

SKU	90WLPL_DP
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Description

Waveguide low power load 90WLPL_DP, operating from 8.2 to 12.4GHz and low VSWR 1.03:1 90WLPL_DP covers the WR90 sub waveguide band and comes with one flange FDP100(UDR100). It can handle 4W continuously and 4KW 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

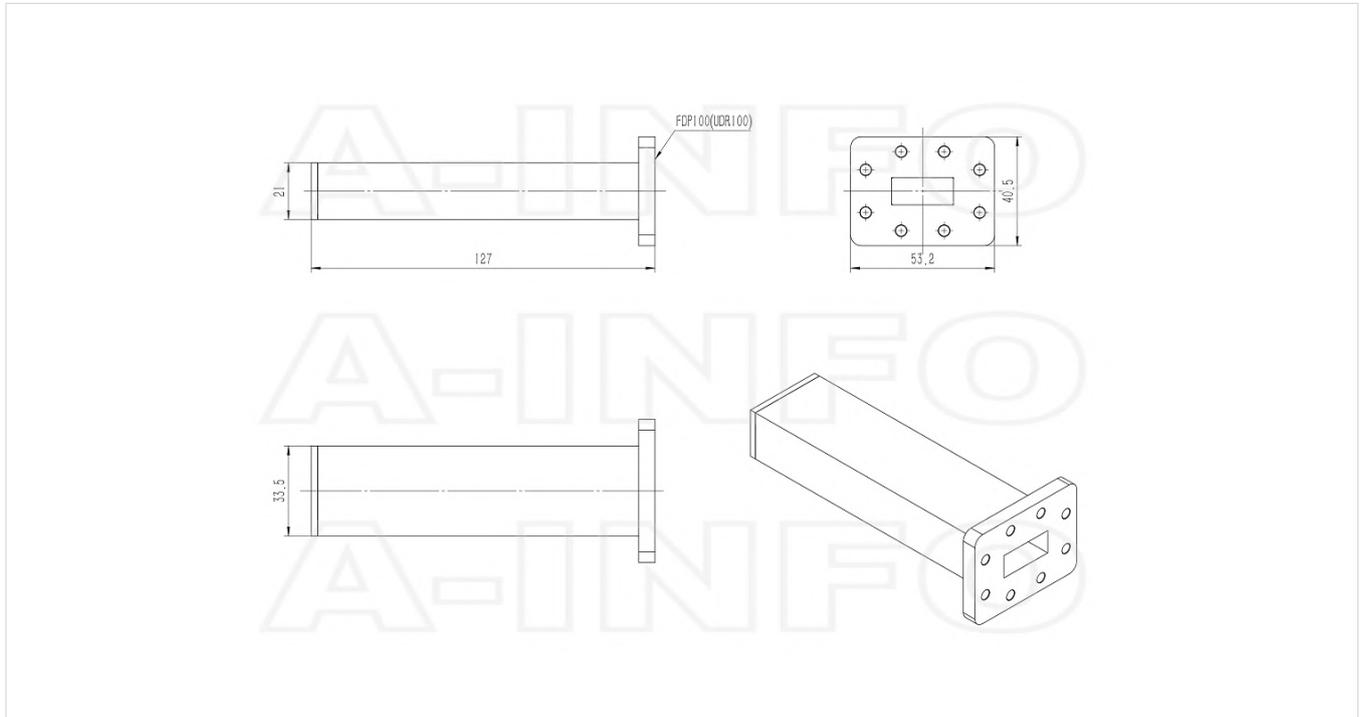
Electrical Specification	
WG Load Type	Low Power
Waveguide Band	X Ku
Waveguide Type	Rectangular
Waveguide Size EIA WR	WR90
Frequency, Min (GHz)	8.2
Frequency, Max (GHz)	12.4
VSWR, Typ	1.025:1
VSWR, Max	1.03:1
Power Handling, CW, (W)	4
Power Handling, Peak, (KW)	4
Interface	
Flange Style	Rectangular
Flange Type	Cover
Flange Designation	FDP100(UDR100)

Mechanical Specification	
Body Material	Al
Size, L (mm)	127
Size, W (mm)	53.2
Size, H (mm)	40.5
Weight, (kg)	0.21
Pressure Sealed	No
Environmental Specification	
Operating Temp. Low (°C)	-55
Operating Temp. High (°C)	85
Storage Temp. Low (°C)	-60
Storage Temp. High (°C)	90

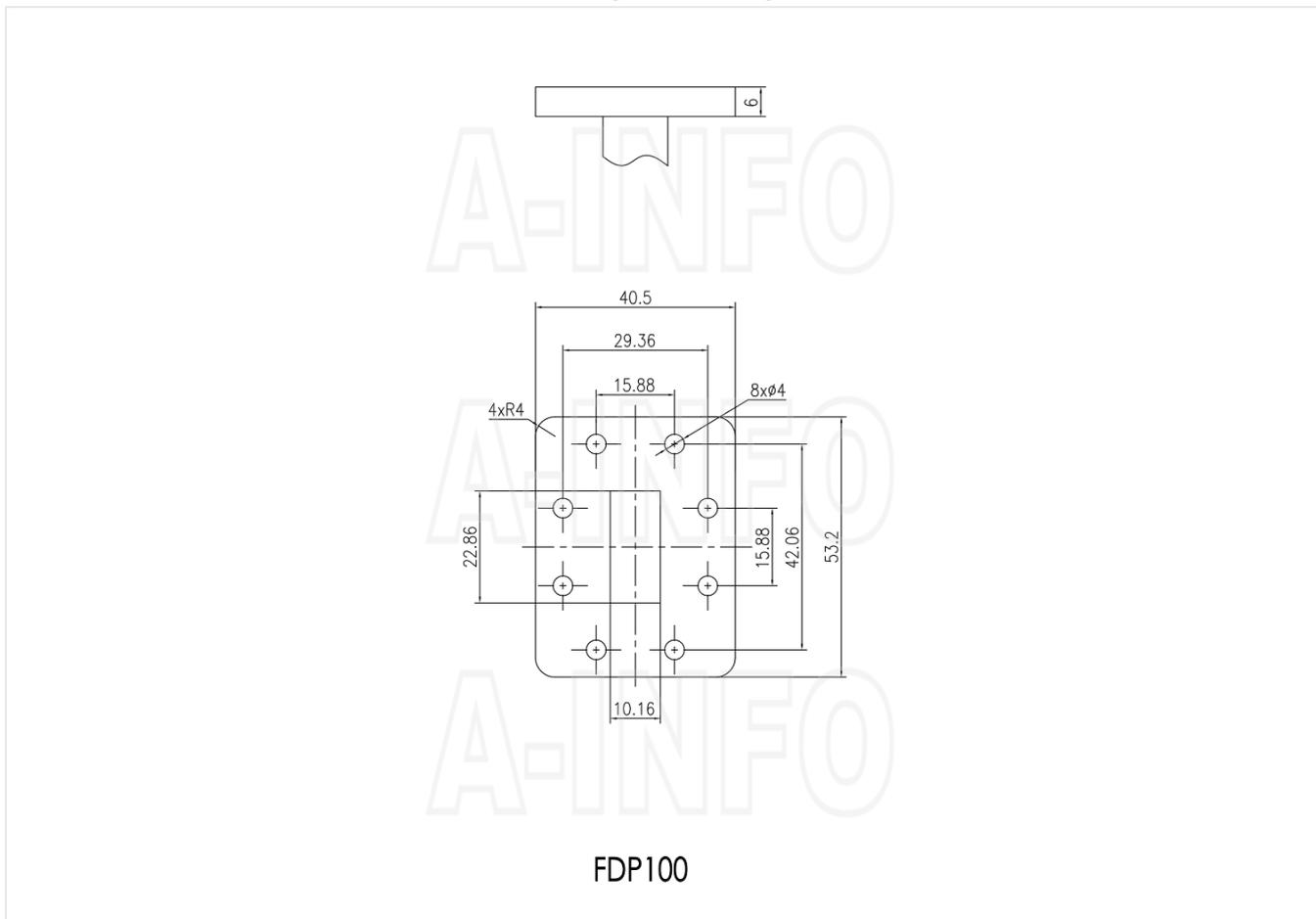
Additional Information

Application	General Purpose Indoor & Outdoor, Fixed
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Outline Drawing

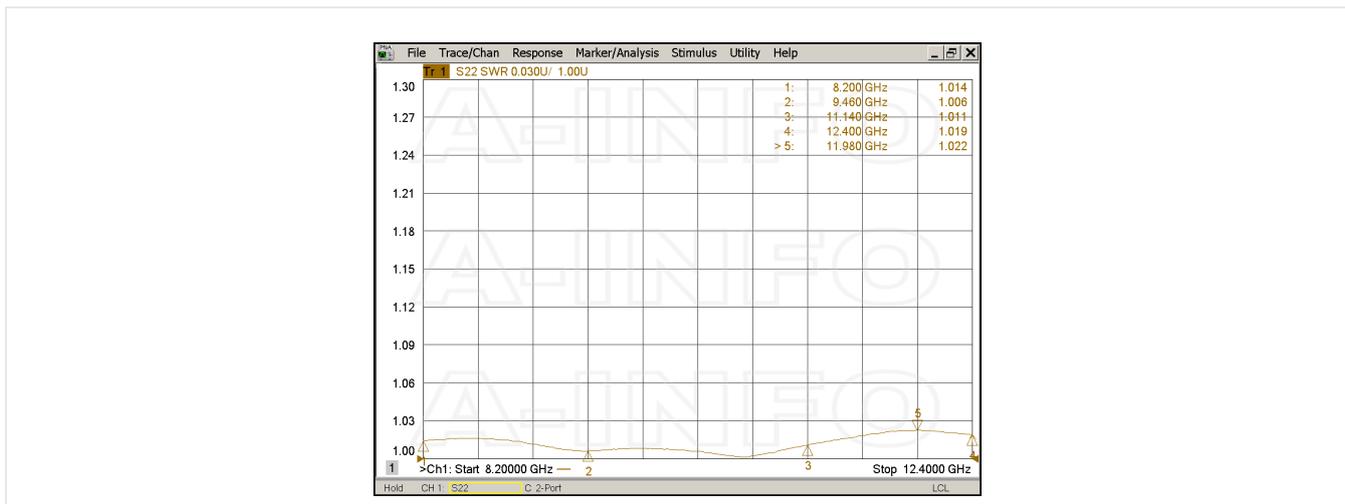


Flange Drawing



Typical Test Results

VSWR



About this Datasheet

<ul style="list-style-type: none">● Product Information <p>Product Link: https://www.ainfoinc.com/90wpl-dp-wr90-waveguide-low-power-load-8-2-12-4-ghz-fdp100-udr100 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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