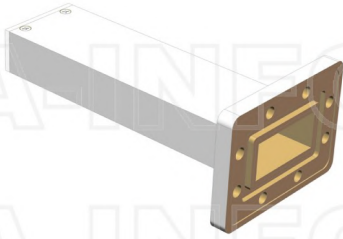


90WLPL\_DM WR90 Waveguide Low Power Load 8.2-12.4GHz with Rectangular Waveguide Interface

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



### Product Information

SKU	90WLPL_DM
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### Description

Waveguide low power load 90WLPL\_DM, operating from 8.2 to 12.4GHz and low VSWR 1.03:1 90WLPL\_DM covers the WR90 full waveguide band and comes with one flange FDM100(PDR100). 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		Mechanical Specification	
WG Load Type	Low Power	Body Material	Al
Waveguide Band	X Ku	Size, L (mm)	127
Waveguide Type	Rectangular	Size, W (mm)	53.2
Waveguide Size EIA WR	WR90	Size, H (mm)	40.5
Frequency, Min (GHz)	8.2	Weight, (kg)	0.2
Frequency, Max (GHz)	12.4	Pressure Sealed	No
VSWR, Typ	1.025:1	Environmental Specification	
VSWR, Max	1.03:1	Operating Temp. Low (°C)	-55
Power Handling, CW, (W)	4	Operating Temp. High (°C)	85
Power Handling, Peak, (KW)	4	Storage Temp. Low (°C)	-60
		Storage Temp. High (°C)	90
Interface			
Flange Style	Rectangular		
Flange Type	Grooved		
Flange Designation	FDM100(PDR100)		

### Additional Information

Application	General Purpose Indoor & Outdoor, Fixed
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### About this Datasheet

<ul style="list-style-type: none"> <li>● <b>Product Information</b>            Product Link:  <a href="https://www.ainfoinc.com/90wlpl-dm-wr90-waveguide-low-power-load-8-2-12-4-ghz-fdm100-pdr100">https://www.ainfoinc.com/90wlpl-dm-wr90-waveguide-low-power-load-8-2-12-4-ghz-fdm100-pdr100</a>            Data subject to change without notice.            © A-INFO INC. 2024. All Rights Reserved</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Contact Us</b>            Address:            60 Tesla, Irvine, CA 92618, USA             Website:  <a href="http://www.ainfoinc.com">www.ainfoinc.com</a>             Email:  <a href="mailto:sales@ainfoinc.com">sales@ainfoinc.com</a></li> </ul>	<ul style="list-style-type: none"> <li>● <b>Phone &amp; Fax</b>            Phone:            +1-949-639-9688            +1-949-639-9608             Fax:            +1-949-639-9670</li> </ul>
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