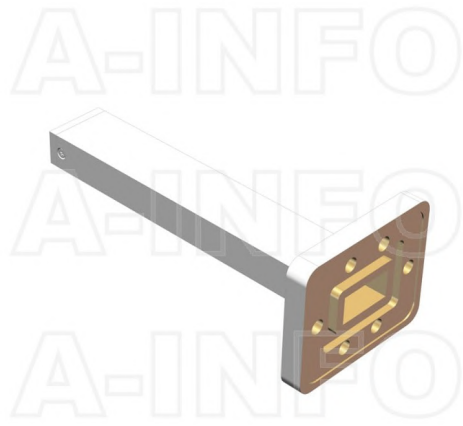


62WPL\_DM WR62 Waveguide Precision Load 12.4-18GHz with Rectangular Waveguide Interface

WR62 Waveguide Precision Load Operating From 12.4 to 18GHz with Rectangular Waveguide Interface



### Product Information

SKU	62WPL_DM
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### Description

Waveguide precision load 62WPL\_DM, operating from 12.4 to 18GHz and low VSWR 1.02:1. 62WPL\_DM covers the 62WPL\_DM sub waveguide band and comes with one flange FDM140(PDR140). It can handle 1.5W continuously and 1.5KW 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	Ku	Size, L (mm)	102
Waveguide Type	Rectangular	Size, W (mm)	49
Waveguide Size EIA WR	WR62	Size, H (mm)	39.5
Frequency, Min (GHz)	12.4	Weight, (kg)	0.05
Frequency, Max (GHz)	18	Pressure Sealed	No
VSWR, Typ	1.015:1	Environmental Specification	
VSWR, Max	1.02:1	Operating Temp. Low (°C)	-55
Power Handling, CW, (W)	1.5	Operating Temp. High (°C)	85
Power Handling, Peak, (KW)	1.5	Storage Temp. Low (°C)	-60
Interface		Storage Temp. High (°C)	90
Flange Style	Rectangular		
Flange Type	Grooved		
Flange Designation	FDM140(PDR140)		

### 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/62wpl-dm-wr62-waveguide-precision-load-12-4-18-ghz-fdm140-pdr140">https://www.ainfoinc.com/62wpl-dm-wr62-waveguide-precision-load-12-4-18-ghz-fdm140-pdr140</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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