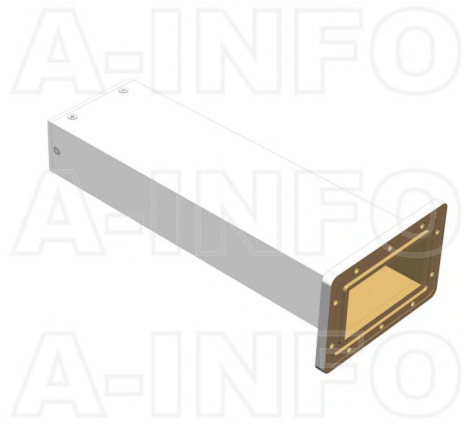


510WPL_DM WR510 Waveguide Precision Load 1.45-2.2GHz with Rectangular Waveguide Interface

WR510 Waveguide Precision Load Operating From 1.45 to 2.2GHz with Rectangular Waveguide Interface



Product Information

SKU	510WPL_DM
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Description

Waveguide precision load 510WPL_DM, operating from 1.45 to 2.2GHz and low VSWR 1.03:1. 510WPL_DM covers the 510WPL_DM sub waveguide band and comes with one flange FDM18(PDR18). It can handle 25 continuously and 25 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	L S	Size, L (mm)	435
Waveguide Type	Rectangular	Size, W (mm)	185
Waveguide Size EIA WR	WR510	Size, H (mm)	120
Frequency, Min (GHz)	1.45	Weight, (kg)	3.6
Frequency, Max (GHz)	2.2	Pressure Sealed	No
VSWR, Typ	1.025:1	Environmental Specification	
VSWR, Max	1.03:1	Operating Temp. Low (°C)	-55
Power Handling, CW, (W)	25	Operating Temp. High (°C)	85
Power Handling, Peak, (KW)	25	Storage Temp. Low (°C)	-60
Interface		Storage Temp. High (°C)	90
Flange Style	Rectangular		
Flange Type	Cover		
Flange Designation	FDP18(UDR18)		

Additional Information

Application	General Purpose Indoor & Outdoor, Fixed
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About this Datasheet

<ul style="list-style-type: none"> ● Product Information Product Link: https://www.ainfoinc.com/510wpl-dm-wr510-waveguide-precision-load-1-45-2-2-ghz-fdm18-pdr18 Data subject to change without notice. © A-INFO INC. 2024. All Rights Reserved 	<ul style="list-style-type: none"> ● Contact Us Address: 60 Tesla, Irvine, CA 92618, USA Website: www.ainfoinc.com Email: sales@ainfoinc.com 	<ul style="list-style-type: none"> ● Phone & Fax Phone: +1-949-639-9688 +1-949-639-9608 Fax: +1-949-639-9670
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