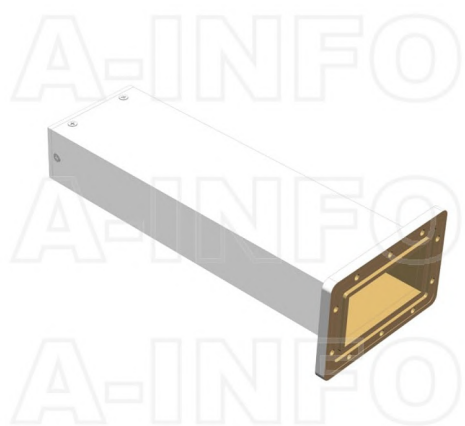


510WLPL_DM WR510 Waveguide Low Power Load 1.45-2.2GHz with Rectangular Waveguide Interface

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



Product Information

SKU	510WLPL_DM
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Description

Waveguide low power load 510WLPL_DM, operating from 1.45 to 2.2GHz and low VSWR 1.06:1 510WLPL_DM covers the WR510 sub waveguide band and comes with one flange FDM18(PDR18). It can handle 25W continuously and 25KW 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	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	1.05:1	Environmental Specification	
VSWR, Max	1.06:1	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
		Storage Temp. High (°C)	90
Interface			
Flange Style	Rectangular		
Flange Type	Grooved		
Flange Designation	FDM18(PDR18)		

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-low-power-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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