

137WLPL_AE WR137 Waveguide Low Power Load 5.85-8.2GHz with Rectangular Waveguide Interfac

WR137 Waveguide Low Power Load Operating From 5.85 to 8.2GHz with Rectangular Waveguide Interface



Product Information

SKU	137WLPL_AE
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Description

Waveguide low power load 137WLPL_AE, operating from 5.85 to 8.2GHz and low VSWR 1.04:1 137WLPL_AE covers the WR137 sub waveguide band and comes with one flange FAE70(CAR70). It can handle 6W continuously and 6KW 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	C X	Size, L (mm)	132
Waveguide Type	Rectangular	Size, W (mm)	79.5
Waveguide Size EIA WR	WR137	Size, H (mm)	79.5
Frequency, Min (GHz)	5.85	Weight, (kg)	0.188
Frequency, Max (GHz)	8.2	Pressure Sealed	No
VSWR, Typ	1.03:1	Environmental Specification	
VSWR, Max	1.04:1	Operating Temp. Low (°C)	-55
Power Handling, CW, (W)	6	Operating Temp. High (°C)	85
Power Handling, Peak, (KW)	6	Storage Temp. Low (°C)	-60
		Storage Temp. High (°C)	90
Interface			
Flange Style	Round		
Flange Type	Choked		
Flange Designation	FAE70(CAR70)		

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/137wpl-ae-wr137-waveguide-low-power-load-5-85-8-2-ghz-fae70-car70 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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