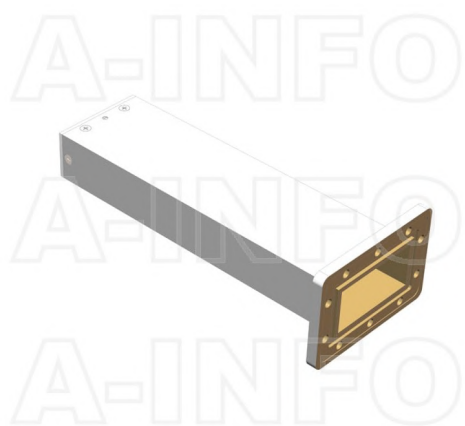


187WPL_DM WR187 Waveguide Precision Load 3.95-5.85GHz with Rectangular Waveguide Interface

WR187 Waveguide Precision Load Operating From 3.95 to 5.85GHz with Rectangular Waveguide Interface



Product Information

SKU	187WPL_DM
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Description

Waveguide precision load 187WPL_DM, operating from 3.95 to 5.85GHz and low VSWR 1.02:1. 187WPL_DM covers the 187WPL_DM sub waveguide band and comes with one flange FDM48(PDR48). It can handle 8 continuously and 8 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	S C	Size, L (mm)	163
Waveguide Type	Rectangular	Size, W (mm)	88.9
Waveguide Size EIA WR	WR187	Size, H (mm)	63.5
Frequency, Min (GHz)	3.95	Weight, (kg)	0.25
Frequency, Max (GHz)	5.85	Pressure Sealed	No
VSWR, Typ	1.015:1	Environmental Specification	
VSWR, Max	1.02:1	Operating Temp. Low (°C)	-55
Power Handling, CW, (W)	8	Operating Temp. High (°C)	85
Power Handling, Peak, (KW)	8	Storage Temp. Low (°C)	-60
Storage Temp. High (°C)	90	Storage Temp. High (°C)	90
Interface			
Flange Style	Rectangular		
Flange Type	Grooved		
Flange Designation	FDM48(PDR48)		

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/187wpl-dm-wr187-waveguide-precision-load-3-95-5-85-ghz-fdm48-pdr48 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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