



Features

- Models 3.5 GHz to 40 GHz
- Up to 3500 W Power Handling
- Low VSWR



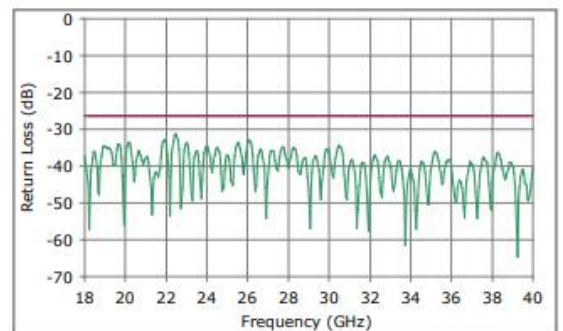
Model: WRD580101-100-CH30

Orientation Definition

Flann Double Ridge High Power Termination utilise heat sink designs that ensure the maximum power handling without the need to be derated due to the direction of air flow. Models are available for both horizontal and vertical mounting orientations to ensure optimum heat transfer.



Typical Return Loss for Model WRD180101-500



Related Products

- Series 093: Double Ridge Waveguide to Coax Adapters
- Series 334/336: Double Ridge DC-Motor Driven / 2 Channel Waveguide Switch

Custom Design

Custom built units can be supplied; please contact the sales team for more information.

Options

- Fan assisted version
- Liquid cooled version (water, oil, or glycol)

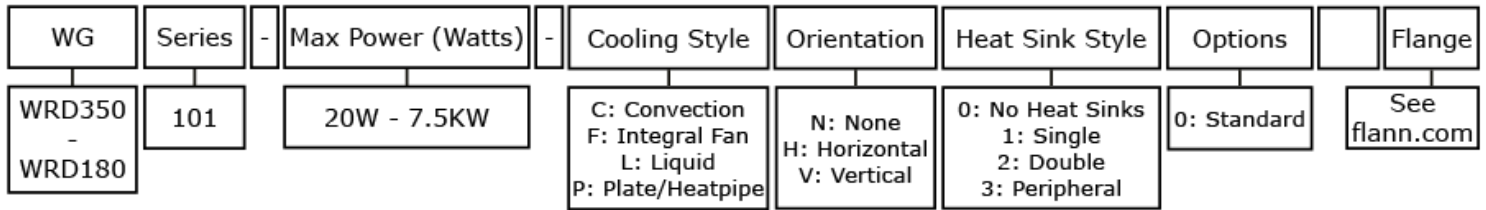


Microwave Specifications

WRD Designation	Frequency Range (GHz)	Natural Convection CW/Mean Power Maximum (W)	VSWR (better than)
WRD-350 D24	3.5 – 8.2	85, 800, 1000, 1500, 1600, 2000, 2200, 3000	1.1
WRD-475 D24	4.75 – 11.0	55, 500, 350, 1000, 1300, 1500, 1600, 2500	
WRD-580 D28	5.8 – 16.0	40, 450, 500, 800, 1000, 1500, 1600, 2500	
WRD-650 D28	6.5 – 18.0	32, 500, 800, 1000, 1500, 1600, 2000	
WRD-750 D24	7.5 – 18.0	30, 500, 800, 1000, 1500, 1600, 2500	
WRD-110 C24	11.0 – 26.5	20, 250, 500, 1000	
WRD-180 C24	18.0 – 40.0	150, 250, 500	

Ordering

Please specify the following:



Example: WRD180101-500-CH20 C1A

A WRD180, Double Ridge High Power Termination, 18.0 – 40 GHz, 500 W convection cooled, horizontal, double heat sink with C1A flange.

Environmental Specifications

Natural Convection specified power rating @ +20°C ambient with no direct sunlight. Ambient power rating adjustment is ±10°C.

Custom Design

Custom built instruments can be supplied; please contact the sales team for more information sales@flann.com

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