

S-Band Waterload, Model #R284-3.0**Product Overview**

This high power water load is very useful for converting a circulator into an isolator. The broad band performance of the load is especially useful for magnetron applications because it absorbs the spurious signals, as well as the desired fundamental, with equal efficiency.

It is an extremely broadband water load that covers almost the entire bandwidth of the WR284 waveguide.

Unit Specifications

Peak Power	30 MW	Center Frequency	2.998 GHz
Average Power	9 KW (max)	VSWR	1.10 max
Flanges	CPR284F		
Water Flow	4 GPM		
Water Temperature	50° C (Nominal)		
Gas Pressure	34 PSIG SF ₆ @ Peak Power		
Length	11.5" (292 mm)		
Material	Guide Body – Aluminum Water Manifold – Brass & Polypropylene		
Water Connector	Brass Elbows (Parker 45° Flare X-48F-6-6)		