



EM Design Waterload

Model RQ284-3.0



Product Overview

This high power load with a CPR 284 flange is very useful for applications above 10 KW average power. The broad band performance of the load out absorbs harmonic signals, as well as the desired fundamental.

Model RQ284-3.0 covers a significant bandwidth in the WR284 waveguide.

Unit Specifications

Peak Power	30 MW	Frequency Band	2.998 (+/- 0.010) GHz
Average Power	40 KW (max)	VSWR	1.10 max
Flanges	CPR284F (Tapped)	Frequency Band	2.8 to 3.2 GHz
Water Flow	14 GPM	VSWR	1.20 max
Water Temperature	40° C (Nominal)		
Gas Pressure	35 PSIG SF ₆ @ Peak Power		
Length	311 mm		
Material	Guide Body - Aluminum Water Manifold - Brass, Polypropylene		
Water Connection	Brass Elbows (90°), 1/2" Poly - 3/8" MPT, 2 pcs.		

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