

DC–6 GHz, 25 W RF Load

50 Ω RF termination from DC to 6 GHz, with 25 W typical and 20 W minimum CW power handling. Typical VSWR is 1.3:1.



RF load specifications · 25 °C; 50 Ω

Parameter	Minimum	Typical	Maximum	Unit
Operating frequency	DC	-	6000	MHz
CW RF power handling	20	25	-	W
VSWR	-	1.3:1	-	-
Impedance	-	50	-	Ω

Absolute maximum rating

Parameter	Minimum	Typical	Maximum	Unit	Notes
No-damage RF input limit	-	-	+45	dBm	Absolute maximum no-damage input rating; not a continuous power rating

Environmental design targets · Design targets; completed environmental qualification is not documented.

Parameter	Minimum	Typical	Maximum	Unit	Notes
Operating temperature	-20	-	50	°C	-
Storage temperature	-25	-	85	°C	-
Relative humidity	-	-	95	%	Non-condensing

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Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.