

CHPA0618-1 Ultra-broadband Power Amplifier Key Parameters

Electrical Parameters	Units	Min.	Typ.	Max.
Frequency	GHz	6		18
Gain	dB		23	
Gain variation 6-18 GHz	±dB		3	1.5
Gain variation, over operating temp.	±dB			
Input VSWR (50 ohms)			2.0:1	
Output VSWR (50 ohms)			2.5:1	
Efficiency	%		15	
Output Power, saturated	watts		35	
Output power, 1 dB compressed	watts		30	
Spurious	dBc			
Current	amps		25	28
Environmental Parameters				
Temperature, operating	°C	-20		50
Temperature, storage	°C	-40		85
Cooling				
Altitude, operating	K feet		50	
Physical Parameters				
Size	in.			
RF Connectors				