

PCS Low Noise Amplifier

Key Features:

- **PCS Uplink Frequencies**
- **Low 0.65 dB noise figure**
- **Alternate supply voltages and connectors available**
- **High dynamic range**
- **Custom mounting configurations available**



Electrical Parameters	Units	Min.	Typ.	Max.
@12 VDC, 25°C Baseplate				
Frequency	MHz	1850		1910
Gain	dB	12.5	13.5	14.5
Flatness	+/-dB		0.1	0.5
Noise Figure	dB		0.55	0.65
Input VSWR				1.3:1
Output VSWR				1.3:1
Output Power, 1 dB Gain Comp.	dBm	12		
Input Third Order Intercept Pt.	dBm	13	15	
Bias Current	mA		140	160
Stability		Unconditional		
Physical Parameters				
Size		2.48" x 1.65" x 0.70"		
RF Connectors		N (M) Input x SMA (F) Output		
DC Connectors		Solder (Filter Feedthru)		

