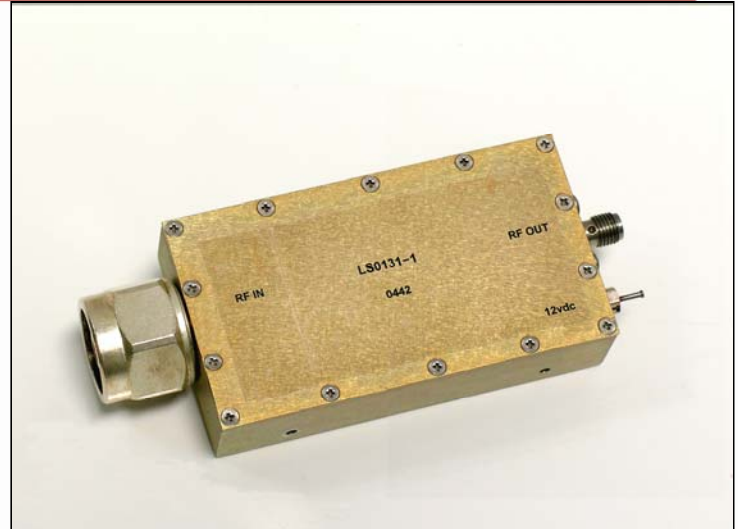


PCS Low Noise Amplifier with Bypass

Key Features:

- PCS Uplink Frequencies
- Low 0.8 dB noise figure
- Fault detection and bypass
- High dynamic range
- Alternate supply voltages and connectors available
- 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			0.5
Noise Figure	dB		0.8	1.0
Input VSWR				1.3:1
Output VSWR				1.3:1
Output Power, 1 dB Gain Comp.	dBm	11		
Input Third Order Intercept Pt.	dBm	11	13	
Bias Current	mA		160	210
Insertion Loss (Bypass)	dB			1.0
Stability		Unconditional		
Physical Parameters				
Size		3.26" x 1.90" x 0.70"		
RF Connectors		N (M) Input x SMA (F) Output		
DC Connectors		Solder (Filter Feedthru)		

