OUTPUT	S		Packaging
Output	Frequency	Level (into 50Ω)	Nickel-plated machined
Α	10 MHz	+13 ±2 dBm	aluminum housing - J3PMX
Б	44.011-	. 40 . 0 alDaa	Mounting
В	11 GHz	+13 ±2 dBm	Threaded inserts on base,
STABILI	ГҮ		#2-56, 11 places
Aging	-7		POWER REQUIREMENTS
	first year		Warm-Up Power ≤ 24 Watts for 5 minutes
	0 days operatin		Total Power
	second year,		≤ 17 Watts at +25°C
2 x 10	⁻⁸ per year there	eafter, typical	Supply Voltage
Phase No	oise L(f), dBc/h	łz, typical	+15 VDC ±5%
	10 MHz 11 (GHz	ADJUSTMENT
10 Hz	-140 -7	-	Mechanical Tuning (Internal 10 M
100 Hz	-160 -9	· -	±1 x 10 ⁻⁶
300 Hz	-165 -9		Loop BW (Internal 110 MHz PLL)
1 kHz			Target Bandwidth: ~250 Hz
10 kHz 100 kHz	-174 -1 -175 -1		Type 2 Loop
100 KHZ	-1/5 -1	30	CRYSTAL
Tempera	ture Stability		Туре
	0 ⁻⁹ , 0 to +50°C	(Pof +25°C)	110 MHz SC-cut (x100)
Harmoni	•	(IXGI. +25 C)	OTHER
11ai 1110111 ≤ -25 (Label
Sub-Hari			Use conventional label with the
≤ -60 c			following information: 501-25798 (Current Rev.)
	erence Product	s	10M/11G MXO-PLMX
≤ -60 (-	+15 VDC
Spurious			Serial # - Date Code
•	dBc, excluding p	oower	(Mark connectors with function)
	/ line related sp		Test Data
Phase Lo	ock Alarm		- Output Level
TTL			- Phase Noise
	d: +3.5 VDC to		 Temperature Stability
	-Lock: +0.8 VD		- Harmonics, Subs, Products, S
	ock Voltage Mo		 Power – Warm-up and Total
	ge monitor pin s	upplied	
MECHAN Dimension			
	ons : 4 x 1"		
Connect			
	utputs: SMA(f)		
111 00	reputo. Olvirt(i)		

Power, Monitoring: Feed Thru Terminals

GND: Ground Turret

	REV	DATE	REVISION RECORD	DWN	AUTH
Packaging	-	08-14-13	Initial Release	PAC	
Nickel-plated machined					
•					
aluminum housing – J3PMX					
Mounting					

J3PM)	J3PMX MXO Connections			
Connector	Function			
1	Supply Voltage			
2	Ground, Case			
4	RF Output B			
5	Phase Lock Voltage Phase Lock Alarm			
6				
8	RF Outnut A			





