

GKF-L01WGN

CHENZHOUXIPOINT TECHNOLOGIES CO.LTD		Product specification	Product model: GKF-L01WGN(Universal Single PLL LNB)	
		Edition: A		
No.	ITEM	SPECIFICATION	UNIT	
1	Low Band I/P Frequency Range	10.7 ~ 11.7	GHz	
2	O/P Frequency Range	950 ~ 1950	MHz	
3	LO Frequency	9.75	GHz	
4	Noise Figure	0.8 [typ] 1.2 [max]	dB	
5	High Band I/P Frequency Range	11.7 ~ 12.75	GHz	
6	O/P Frequency Range	1100 ~ 2150	MHz	
7	LO Frequency	10.6	GHz	
8	Noise Figure	0.8 [typ] 1.2 [max]	dB	
9	LO Initial Accuracy	± 0.5	MHz	
10	LO Temperature Drift - 30 ~ + 60°C	± 0.75	MHz	
11	LO Phase Noise @ 1K Hz	-55	dBc / Hz	
12	LO Phase Noise @ 10K Hz	-80	dBc / Hz	
13	LO Phase Noise @ 100K Hz	-90	dBc / Hz	
14	Conversion Gain	58(min)	dB	
15	Gain Flatness	± 4 [max]	dB	
16	Gain Variation	± 0.75	dB/27 MHz	
17	Image Rejection	-40 [min]	dB	
18	O/P 1 dB Compression Point	0.0 [min]	dBm	
19	Crosstalk Isolation	18 [min]	dB	
20	Control Signals Ca [V]	11.0 ~ 14.5	V	
21	Control Signals Cb [H]	16.0 ~ 20.0	V	
22	Control Signals Cc	22 ± 4	KHz	
23	O/P VSWR	2.5 : 1	~	
24	DC Power	11 ~ 20V/120(max)	Vdc*mA	
25	Working Temperature	- 30 ~ + 60	°C	
26	Output Impedance	75	Ω (F-Type)	



Approved By:	Checked By:	Prepared By:
Date:	Date:	Date:

For More Information

Please visit our website: <http://www.gospell.com> or contact your local sales representative:

GOSPELL Shenzhen, China
Overseas Sales Center
Block F10-F13, F518 Idea Land, Baoyuan road,
Bao'an Central District, Shenzhen 518102,
Guangdong Province, China
TEL: +86-755-26716172
FAX: +86-755-29114035
E_mail: sales.dtv@gospell.com

GOSPELL India (Office)
Office No.C-802, 5th Floor, L.B.S. Road, Bhandup
(West), Mumbai-400078
TEL: +91 9676015678
E_mail: Santoshk@gospell.com

GOSPELL Chengdu,China,
Floor 4 of Building 2,No 5,TianHongLu ,Hi-Tech West
Zone Chengdu,Sichuan,China
TEL: +86-28-87838224
E_mail: luoxq@gospell.com

GOSPELL Brazil (Joint Office)
Rua Engenheiro Prudente, 477/483, Sao Paulo,
Brazil
TEL: +55 (11) 2274-1455
E_mail: zhouyong@gospell.com

GOSPELL Paraguay (Joint Office)
Tte. Garay 1795 esq. Campo Vía Barrio San Vicente
Asunción - Paraguay
TEL: +595 21 33 43 02

©2015 GOSPELL Digital Technology Co., Ltd. All rights reserved.

The GOSPELL logo is a trademark of GOSPELL Digital Technology Co., Ltd.,

All other trademarks mentioned in this document are the property of their respective owners.

Product pictures are for reference only, GOSPELL reserves the right to modify the specifications without prior notice.

GOSPELL[®]
— Technology Serves People —