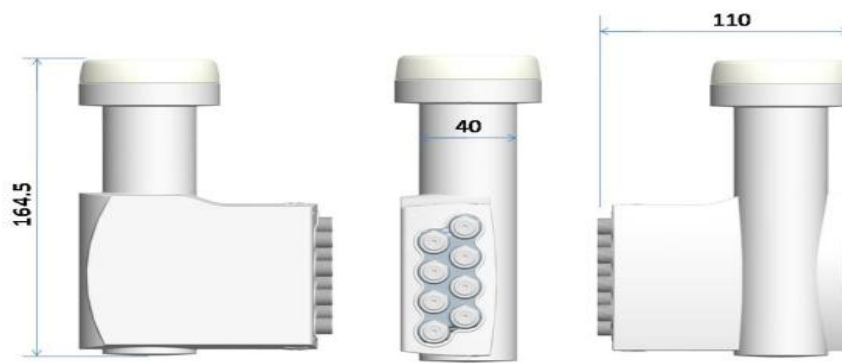


GKF-D28HB - OCTO Specifications

CHENZHOU XIPOINT TECHNOLOGIES CO.LTD		Product specification	Product model: GKF-D28HB(Universal OCTO 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] 1.1[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] 1.1[max]	dB	
9	LO Initial Accuracy	± 1.0	MHz	
10	LO Temperature Drift - 30 ~ + 60°C	± 3.0	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	-100	dBc / Hz	
14	Conversion Gain	55-67	dB	
15	Gain Flatness	± 4	dB	
16	Gain Variation	±0.75 [max]	dB/27 MHz	
17	Image Rejection	-40 [min]	dB	
18	O/P 1 dB Compression Point	0.0 [min]	dBm	
19	Crosstalk Isolation	20 [typ] 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	In Band Spurious (1.7GHz)	- 50 [typ] - 45 [max]	dBm	
24	Gain difference between outputs	5 [max]	dB	
25	O/P VSWR	2.5 : 1	~	
26	DC Power	11 ~ 20* 200(max)	Vdc*mA	
27	Working Temperature	- 30 ~ + 60	°C	
28	Output Impedance	75	Ω (F-Type)	



GKF-D28HB

Approved By :
Date:

Checked By :
Date:

Prepared By:
Date:

For More Information

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