

# Zinwell

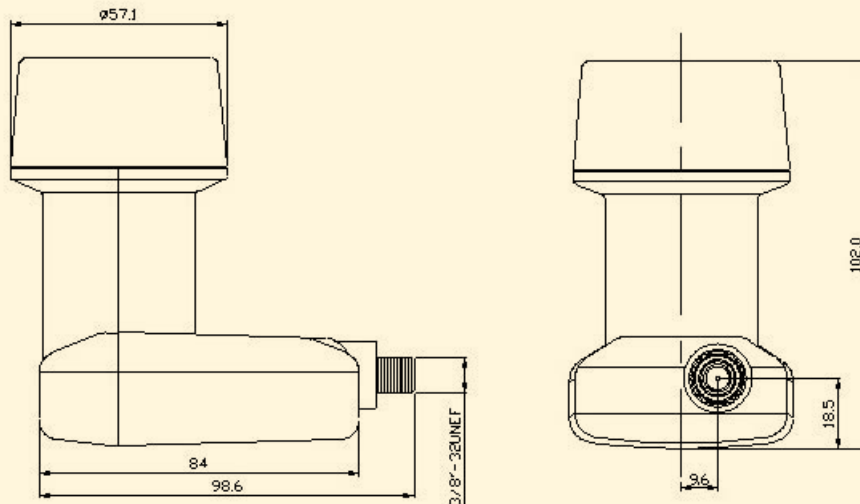
## ZKF-J21N

### Ku-band Universal type LNBF

10.7 ~ 12.75GHz の広帯域をカバー\*

垂直 / 水平 (V/H) いずれの偏波にも IRD の V/H 設定だけで自動対応\*

\* 使用 IRD が Universal Type LNB に対応している必要があります。



	Low Band	High Band
Input Frequency Range	10.7 - 11.7 GHz	11.7 - 12.75 GHz
Output Frequency Range	950 - 1950 MHz	1100 - 2150 MHz
L.O. Frequency	9.75 GHz	10.6 GHz
Noise Figure	0.7 dB (Typ.)	
F/D Ratio	0.6	
Input Reflector Type	Offset	
Cross Pol. Isolation	22 dB (Min.)	28 dB (Typ.)
Conversion Gain	50 dB (Min.)	62 dB (Max.)
Gain Flatness	± 0.5 dB / 27 MHz	
L.O. Frequency Stability	@25°C	± 1 MHz
	-30°C ~ 60°C	± 3 MHz
L.O. Phase Noise	@1KHz offset	- 60 dBc/Hz
	@10KHz offset	- 80 dBc/Hz
	@100KHz offset	- 100 dBc/Hz
Output power	0 dBm ( Min.) @1dB gain compression point	
Output Return Loss	7.5 dB	
Output Connector	75 Ω F Type (Female)	
D.C. Supply Voltage	11.5 to 19 V	
D.C. Current Consumption	110 mA (Typ.) 150 mA (Max.)	
Polarity Switching Voltage	Vertical : 11.5 ~ 14 V	
	Horizontal : 16 ~ 19 V	
Band Switching	Low Band	0 KHz
	High Band	22 KHz ± 4 KHz tone
Operating Temperature	- 30°C ~ 60°C	

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