Frequency Mixer

TUF-ED12916/4

Level 7 (LO Power + 7 dBm)

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

Please click "Back", and then click "Contact Us" for Applications support.



CASE STYLE: NNN150

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter		Min.	Тур.	Max.	Units	
Frequency	LO (fL to fU)	20		1500	MHz	
	RF (f∟ to f∪)	20		1500	MHz	
	IF	10		1200	MHz	
Conversion Loss	mid band		5.9		dB	
	Total Range		6.5		dB	
LO-RF Isolation	Low Range		55		dB	
	Mid Range		46		dB	
	Upper Range		43		dB	
LO-IF Isolation	Low Range		38		dB	
	Mid Range		28		dB	
	Upper Range		22		dB	
Input IP3			+12		dBm	
1 dB Compression			+1		dBm	

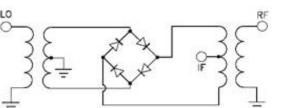
Note: Low Range = [fL to 10fL] mid band = [2fL to fU/2]

Mid Range = [10fL to fU/2]

Upper Range = [fu/2 to fu]

MAXIMUM RATINGS		
Operating Temperature	-55°C TO +100°C	
Storage Temperature	-55°C TO +100°C	

PIN CONNECTIONS			
LO	4		
RF	1		
IF	2		
GROUND	3		
CASE GROUND	3		



Electrical Schematics