Frequency Mixer

TUF-ED12916/3

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	SPECIFICATION	S 50Ω @ +25°C		
Parameter		Min.	Тур.	Max.	Units
Frequency	LO (f∟ to f∪)	.25		400	MHz
	RF (f∟ to f∪)	.25		400	MHz
	IF	.10		400	MHz
Conversion Loss	mid band		4.7		dB
	Total Range		5		dB
LO-RF Isolation	Low Range		68		dB
	Mid Range		60		dB
	Upper Range		55		dB
LO-IF Isolation	Low Range		55		dB
	Mid Range		45		dB
	Upper Range		38		dB
Input IP3			+11		dBm
1 dB Compression			+1		dBm

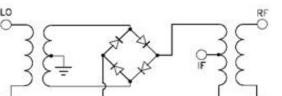
Note: Low Range = [fL to 10fL] mid band = [2fL to fU/2]

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