

Frequency Mixer

TUF-ED12916/1

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.



CASE STYLE : NNN150

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ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fu)	5		600	MHz
	RF (fL to fu)	5		600	MHz
	IF	.3		600	MHz
Conversion Loss	mid band		5.94		dB
	Total Range		6		dB
LO-RF Isolation	Low Range		60		dB
	Mid Range		50		dB
	Upper Range		42		dB
LO-IF Isolation	Low Range		60		dB
	Mid Range		48		dB
	Upper Range		40		dB
Input IP3			+16		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

