

## Datasheet

### Description

A general purpose MMIC packaged x4 multiplier covering a very wide 18-50 GHz bandwidth.



### Features

- ~ Wide band coverage
- ~ High output power
- ~ Low harmonic/spurious content

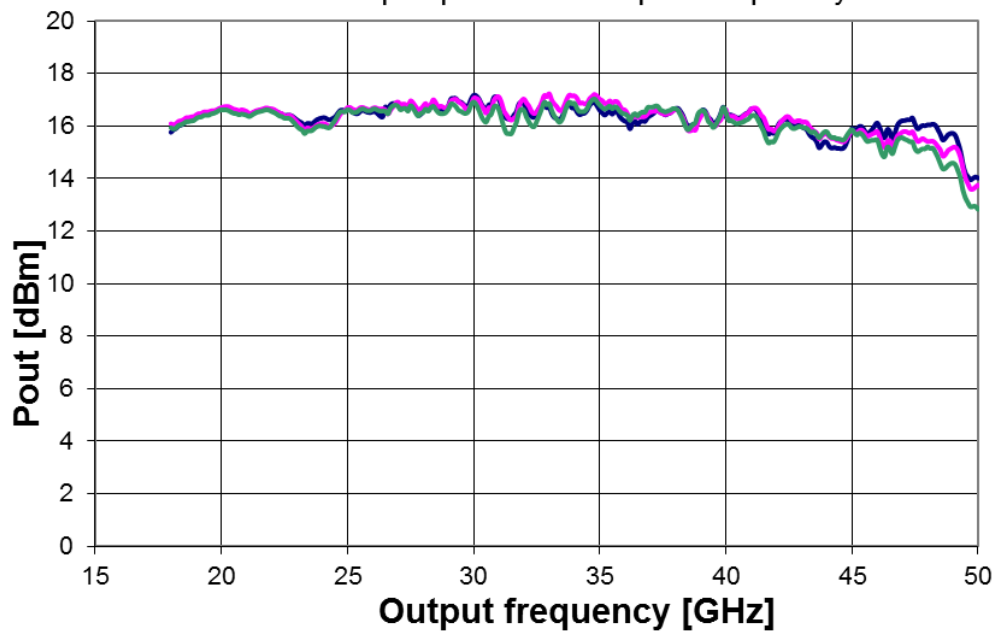
### Applications

- ~ LO chains
- ~ Radar sources
- ~ Communication sources
- ~ Test equipment

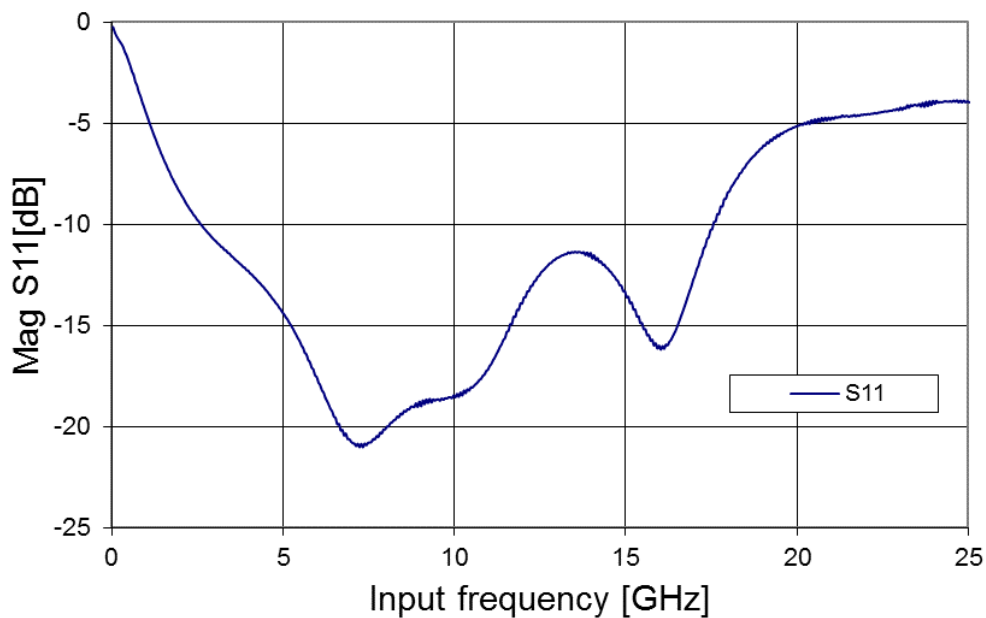
Specification	Unit	Min	Typ	Max
Input Frequency	GHz	4.5		25
Output Frequency	GHz	18		50
Multiplication Factor	-		4	
Pin	dBm		5	10
Pout	dBm	10	15	
Harmonic Level	dBc		-15	
Supply Voltage	V	6		12
Current	mA		500	650
Input Connector	-	SMA (F)		
Output Connector	-	1.85 mm (F)		

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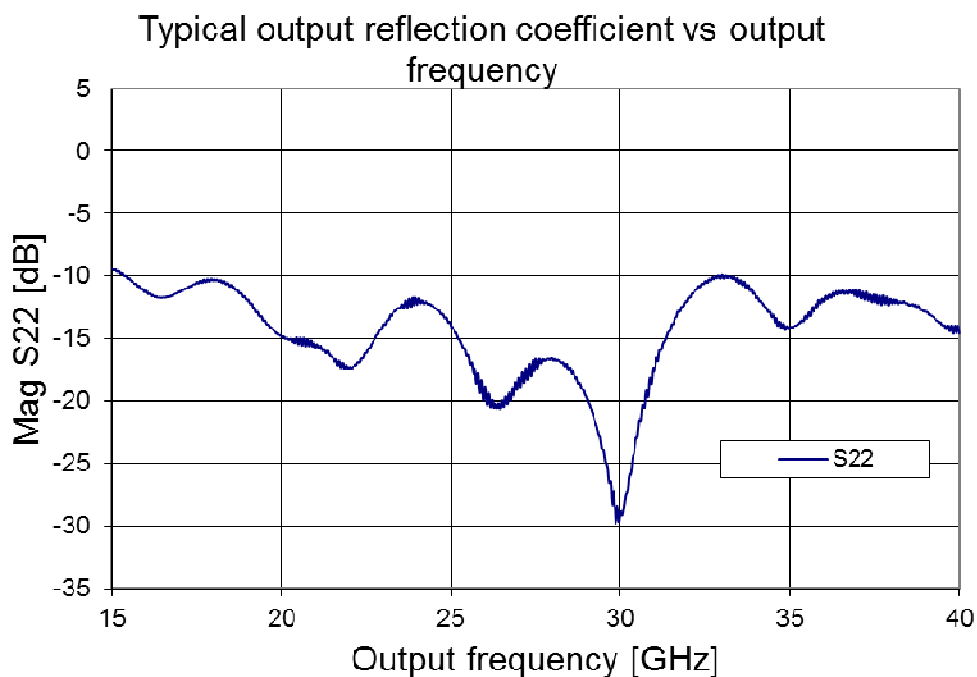
Output power vs output frequency



Typical input reflection coefficient vs input frequency



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Notes:

1. Farran Technology reserves the right to change, without notice, the characteristic data and other specifications applied to this product. The product may be subject to Irish export restrictions.
2. Other output powers available. Please contact Farran Technology directly for more information.