

Datasheet

Description

A high performance harmonic mixer series offering low conversion loss with no bias required. Suitable for use with Agilent and Rohde & Schwarz spectrum analysers for frequency extension applications.



Features

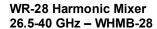
- "Low conversion loss
- "Flat frequency response
- "Frequency coverage up to 500 GHz
- "Unbiased anti-parallel diode pair

Applications

- "Spectrum analysis
- "mm-Wave instrumentation
- "Signal processing
- "Phased locked loops

Specification (Agilent)	Unit	Min	Тур	Max
Frequency Range	GHz	26.5		40
Frequency Band		Ka		
Waveguide Designation		WR-28		
IF Frequency Range	MHz	DC-1000		
LO Harmonic Number		8 [4]		
LO Frequency Range	GHz	3.3 [6.6]		5 [10]
Conversion Loss	dB		30 [25]	
LO Level	dBm			+18
Flange		UG599/U		
Output Connector		SMA-F		
Bias Required		None		
CW RF Input Level				+16
RF Input VSWR			<3.5:1	
Rohde & Schwarz Specifications in Brackets				







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Notes:

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.

