Applications:

- Scalar Network Analyzers
- Antenna chamber
- Bench Testing
- Instrumentations

Features:

- Low Harmonics
- Low Spurious
- In 8 Waveguide Bands

Descriptions:

3J Microwave, Inc. offers a complete line of scalar network analyzer frequency extenders in 8 waveguide bands. The series scalar network analyzer frequency extenders feature low harmonics and low spurious. The frequency extenders are designed to be compatible with the major brand scalar network analyzers. The extenders are excellent choices to expand the capability of the network measurement from frequency range of below 20 GHz to the millimeter wave bands in 8 waveguide bands. The scalar network analyzer frequency extenders can be also used in the applications of instrumentations, bench testing and antenna chamber testing. The scalar network analyzer extenders are sorted in category of ***EXTSNA*** series scalar network analyzer extenders.

EXTSNA Scalar Network Analyzer Frequency Extender Specifications:

Model Number*	EXTSNA-x-00							
WG Band	WR-42	WR-34	WR-28	WR-22	WR-19	WR15	WR-12	WR-10
Output Freq. Range (GHz)	18-26.5	22-33	26.5-40	33-50	40-60	50-75	60-90	75-110
Output Bandwidth (GHz)	Full Waveguide Band							
Output Power (dBm)	+15	+15	+15	+13	+10	+5	+3	+0
Input Freq. Range (GHz)	9-13.25	11-16.5	13.2-20	11-16.7	13.3-20	12.5-18.7	10-15	12.5-18.3
Input Power (dBm)	0 dBm ± 3.0 dB							
Harmonics (dB)	-20	-20	-20	-20	-20	-18	-15	-15
Spurious (dB)	< -70							
DC Power Supply (V/mA)	+12/	+12/	+12/	+12/	+12/	+12/	+12/	+12/
WG Flange	UG595/U	UG595/UM	UG599/U	UG383/U	UG383/UM	UG385/U	UG387/U	UD387/UM
Outline								

** Please see "how to order" for the model number details

How to Order:

EXTSNA-x-00

Waveguide Band

Factory Reserved

WG-BAND	K	WR34	Ka	Q	U	V	E	W
Designation	K	J	A	Q	U	V	E	W

Model No. Example: Model Number of V-Band Scalar Network Analyzer Frequency Extender: EXDSNA-V-00

Outline: Please consult the factory for the outline details