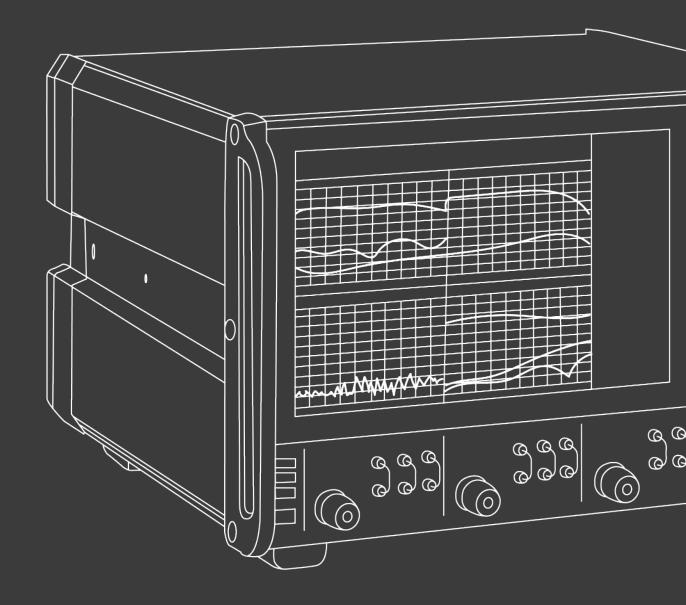
ERAÇANT MAKING MILLIMETERWAVE ACCESSIBLE

BROAD BANDWIDTH
COMPONENTS FOR TEST
EQUIPMENT



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PASSIVE COAXIAL COMPONENTS

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INTRODUCTION

Eravant designs and manufactures total solutions for microwave and millimeterwave applications covering 10 MHz to 330 GHz.

- This presentation introduces Eravant's broadband products suitable for test instrumentation
- Our full product offering, including Limited Run models, are listed on our website at <u>www.eravant.com</u>

Additional products and presentations are available upon customer request:

- Custom models for components and subassemblies can be configured to customer specifications
- Presentations for specific applications such as 5G/6G, IoT,
 Thermal Vacuum and Space, Communications and Radar are available on-line
- Products in Ka, Q, U, V, E, W, F, D, G and J bands are also described in updated presentations

ERAVANT PRODUCT FFERINGS Although standard models are not specifically designed and

- manufactured for Space and Thermal Vacuum applications, many of them are suitable for these and other extreme environments. Examples include:
 - SAR, SAC, SAF, SAH, SAJ, SAP, SAT and SAZ antenna families
 - SWG, SWB, SWW, SWT, SWF, SWI, SWH, SWR, SWD, SWX, SWM and SWF waveguide components
 - SUF Uni-GuideTM Waveguide Connectors
 - Models with the "V" suffix are qualified for Thermal Vacuum applications
 - Includes antennas, isolators, attenuators, couplers, adapters and subassemblies
- Many models can be adapted for Space and TVAC applications by simply updating the manufacturing process using "no-out-gassing" materials such as adhesives, OFHC copper or stainless steel, etc.



ANTENNAS

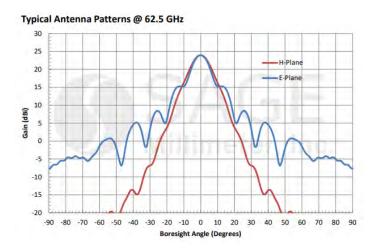
STANDARD GAIN HORN ANTENNA

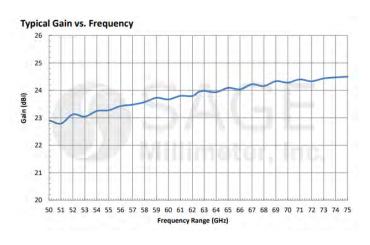
50 to 75 GHz, 24 dBi

FAMILY: SAZ 18 to 330 GHz

14 Models Cover Full Waveguide Bands Up To 330 GHz SAZ-2410-05-S1 SAZ-2410-10-S1 140 to 220 GHz, 24 dBi 75 to 110 GHz, 24 dBi SAZ-2410-15-S1 SAZ-2410-28-S1

26.5 to 40 GHz, 24 dBi





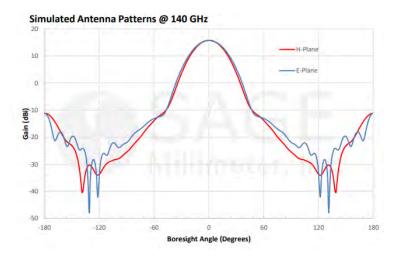
SCALAR FEED HORN ANTENNA

FAMILY: SAF 18 to 220 GHz

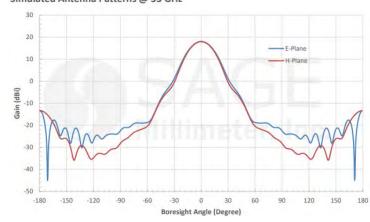
More Than 60 Models – Full Waveguide Bandwidth



SAF-1141741535-082-S1 110 to 170 GHz, 15 dB







DUAL RIDGED HORN ANTENNA LINEARLY POLARIZED

6 Models with Multi-Octave Bandwidth



SAV-1431141535-1F-U5 14 to 110 GHz



SAV-0636731429-VF-S1 6 to 67 GHz

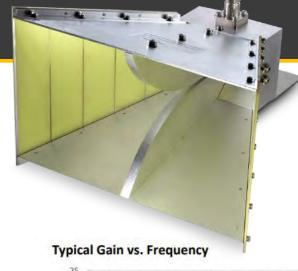


SAV-0636731522-VF-U5 6 to 67 GHz



SAV-0434031427-KF-U5 4 to 40 GHz

FAMILY: SAV 1 to 110 GHz



SAV-0131831040-NF-U2 1 to 18 GHz



14 18 22 26 30 34 38 42 46 50 54 58 62 66 70 74 78 82 86 90 94 98 102 106 110 Frequency (GHz)

QUAD RIDGE DUAL POLARIZED SQUARE ANTENNA

FAMILY: SAV1 to 67 GHz

10 Models with Mult-Octave Bandwidth



SAV-0130430883-SF-U4-QR 1 to 4 GHz



SAV-0434031428-KF-U5-QR 6 to 67 GHz

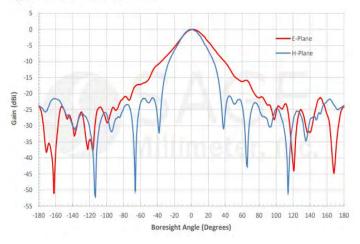


SAV-0632531431-SF-U3-QR 6 to 25 GHz



SAV-0535031140-2F-U5-QR 5 to 50 GHz

Typical Antenna Pattern @ 22 GHz



Typical Gain vs. Frequency



QUAD RIDGED DUAL POLARIZED CIRCULAR ANTENNA

FAMILY: SAC 1 to 40 GHz

6 Models: Wide Bandwidth



SAC-0231831225-SF-S4-DP 2 to 18 GHz



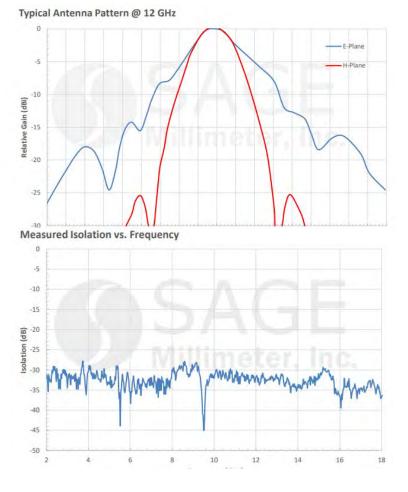
SAC-1834031621-KF-S5-DP 18 to 40 GHz



SAC-0432431235-SF-S4-DP-RD 4 to 24 GHz



SAC-2734031517-KF-S5-D 27 to 40 GHz



DUAL POLARIZED SCALAR HORN ANTENNA

FAMILY: <u>SAF</u>
23 to 170 GHz

16 Models: Waveguide Bandwidth



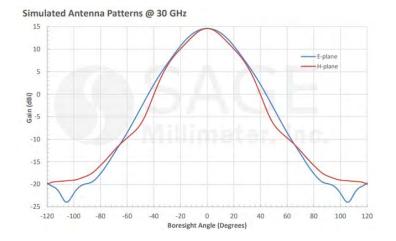
SAF-1141741525-082-S1-065-DP 110 to 170 GHz SAF-6039031340-141-S1-122-DP 60 to 90 GHz

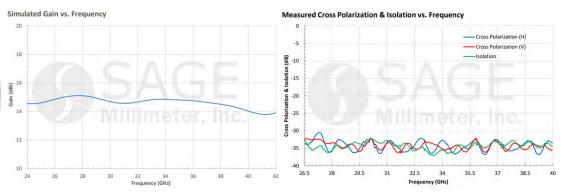


SAF-4036031340-219-S1-188-DP 40 to 60 GHz



SAF-2434231535-328-S1-280-DP 24 to 42 GHz





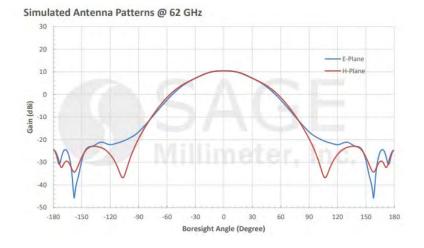
DUAL POLARIZED CHOKE HORN ANTENNA

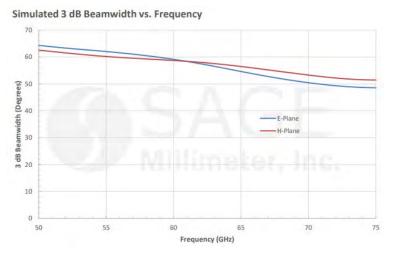
FAMILY: <u>SAH</u> 24 to 110 GHz

4 Models: Full Waveguide Bandwidth









OMNIDIRECTIONAL ANTENNA

FAMILY: <u>SAO</u> 26.5 to 140 GHz

More Than 20 Models: Full Waveguide Bandwidth



SAO-9031440345-08-S1 90 to 140 GHz



SAO-2734030345-28-S1 26.5 to 40 GHz

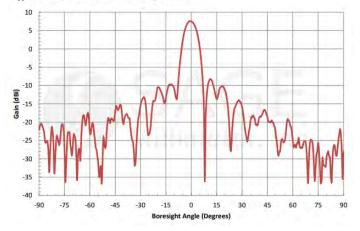


SAO-6039030230-12-S1 60 to 90 GHz

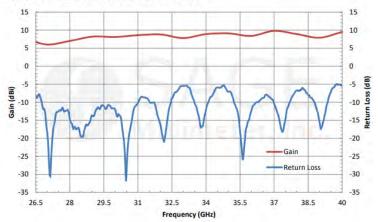


SAO-2734030810-28-S1 26.5 to 40 GHz

Typical E-Plane Antenna Pattern @ 33 GHz



Typical Gain and Return Loss vs. Frequency



AMPLIFIERS

FAMILY: SBB10 MHz to 95 GHz

ULTRA BROADBAND AMPLIFIER

More Than 30 Models: Up to 95 GHz



SBB-5039532510-1F1F-S1 50 to 95 GHz



SBB-1834232815-KFKF-E3 18 to 42 GHz

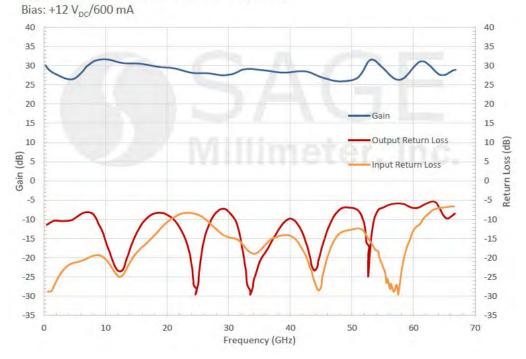


SBB-0115033218-2F2F-E3 10 MHz to 50 GHz



SBB-1834034018-KFKF-E3 18 to 40 GHz

Typical Gain and Return Loss vs. Frequency



BROADBAND LOW NOISE **AMPLIFIER**

FAMILY: SBL 0.3 to 270 GHz

More Than 100 Models: Up To Full Waveguide Bandwidth



SBL-2242741585-0303-E1 220 to 270 GHz



SBL-5539532560-1212-E1 55 to 95 GHz

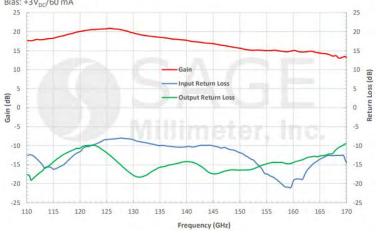


SBL-7531143550-1010-E1 75 to 110 GHz

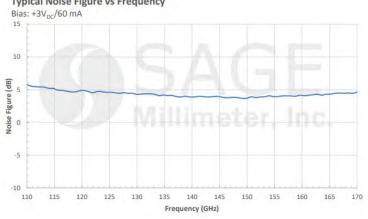


SBL-3335033040-2222-E1 33 to 50 GHz

Typical Performance vs. Frequency Bias: +3V_{DC}/60 mA



Typical Noise Figure vs Frequency



BROADBAND POWER **AMPLIFIER**

FAMILY: SBP 18 to 230 GHz

More Than 200 Models: Up To Full Waveguide Bandwidth



SBP-2142341507-0404-E1 210 to 230 GHz



SBP-3335034520-2222-E1 33 to 50 GHz

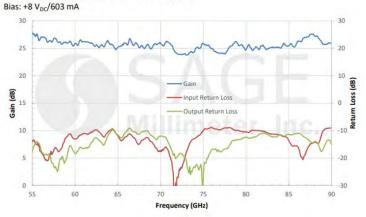


SBP-6039032516-1212-S1 60 to 90 GHz

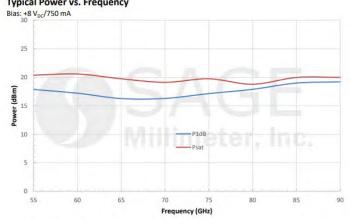


SBP-2734034526-2828-E1 26.5 to 40 GHz

Typical Gain and Return Loss vs. Frequency



Typical Power vs. Frequency



MULTIPLIERS

BROADBAND PASSIVE MULTIPLIER

FAMILY: SFA 22 to 330 GHz

More Than 40 Models: Up To Full Waveguide Bandwidth



SFP-03310-UEB 220 to 330 GHz



SFP-104KF-S2 75 to 110 GHz



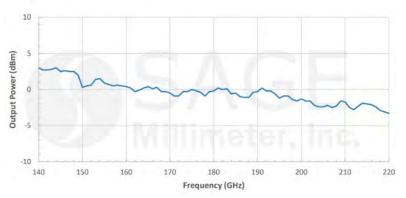
SFP-05210-S2 140 to 220 GHz



SFP-243423303-28SF-S1 24 to 42 GHz

Typical Output Power vs. Frequency

P_{in}= +16 dBm



Typical Output Power vs Frequency

Input Power: +17 dBm (Typical) -20 75.0 95.0 105.0 110.0 Frequency (GHz)

BROADBAND ACTIVE MULTIPLIER

FAMILY: SFA 20 to 220 GHz

More Than 150 Models: Up To Full Waveguide Bandwidth



SFA-753114616-10SF-E1 75 to 110 GHz



SFA-194SF-E1 40 to 60 GHz



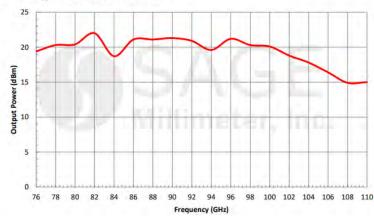
SFA-194224208-0510-E1 190 to 220 GHz



SFA-282SF-E1 26.5 to 40 GHz

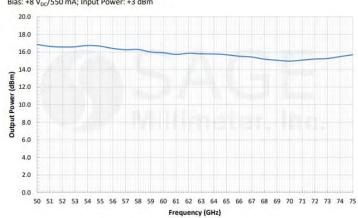
Typical Output Power vs. Frequency

Bias: +13 Vpc/ 550 mA, Input Power: +3 dBm



Typical Output Power vs. Frequency

Bias: +8 Vpc/550 mA; Input Power: +3 dBm



CONVERTERS

BROADBAND BALANCED MIXER

FAMILY: <u>SFB</u> 11 to 220 GHz

More Than 30 Models: Full Waveguide Bandwidth



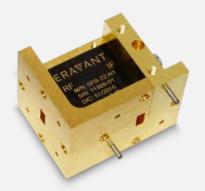
SFB-05-E2 140 t0 220 GHz



SFB-10-N1 75 to 110 GHz



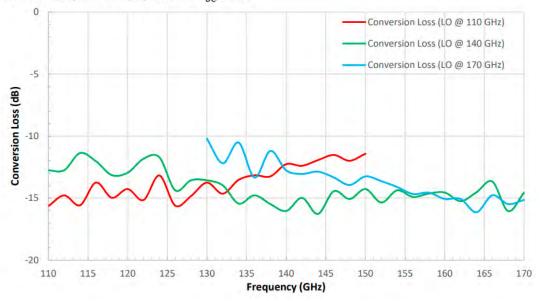
SFB-06-E2 110 to 170 GHz



SFB-22-N1 33 to 50 GHz

Typical Conversion Loss vs. Frequency

RF: -20 dBm; LO: +3 dBm, Bias: +5 V_{DC}/1 mA



QUADRATURE MIXER

FAMILY: SFS 20 to 112 GHz

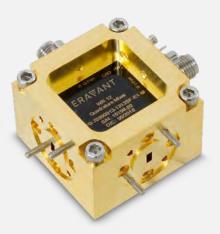
More Than 25 Models



SFQ-11411415-0808SF-N1 110 to 112 GHz



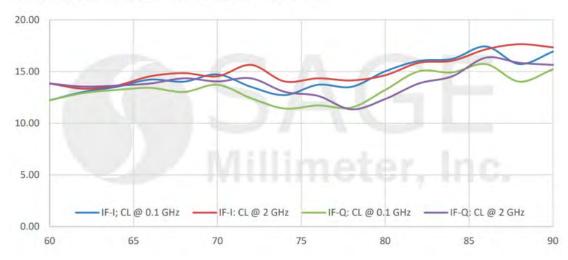
SFQ-40360312-1919SF-N1-M 40 to 60 GHz



SFQ-60390315-1212SF-E1-M 60 to 90 GHz

Typical Conversion Loss vs. LO Frequency

Bias: +5Vdc/1mA, RF= -20 dBm, LO= +10 dBm



DETECTORS

BROADBAND AMPLITUDE DETECTOR

FAMILY: <u>SFD</u> 18 to 220 GHz

More Than 20 Models: Full Waveguide Bandwidth



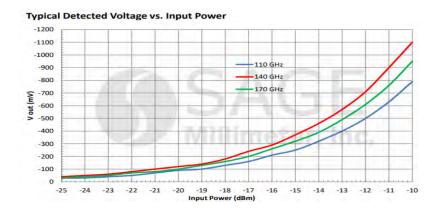
SFD-144224-05SF-N1 140 to 220 GHz

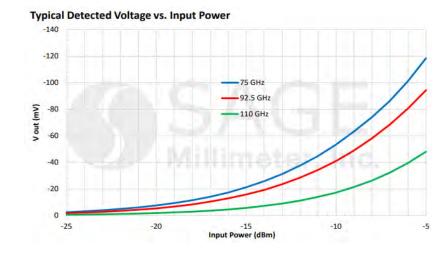


SFD-753114-10SF-N1 75 to 110 GHz



SFD-114174-06SF-N1 110 to 170 GHz





SYNTHESIZERS

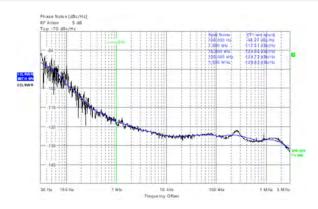
FREQUENCY SYNTHESIZER

FAMILY: SOT 100 MHz to 20 GHz

3 Models: Two-Decade Bandwidth

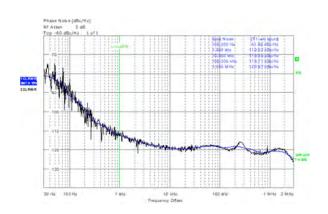


SOT-01210313200-SF-B6 100 MHz to 10 GHz Low Phase Noise



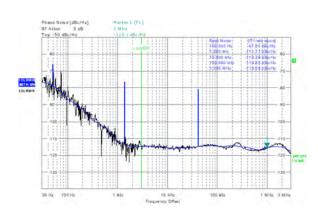


SOT-02215300200-SF-E6 200 MHz to 20 GHz High Speed





SOT-02220313200-SF-B6 200 MHz to 20 GHz Low Phase Noise



CONTROL DEVICES

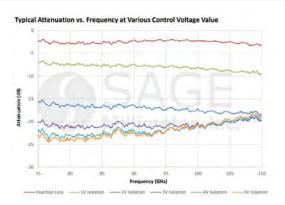
PIN DIODE ATTENUATOR

FAMILY: <u>SKA</u> 18 to 110 GHz

More Than 20 Models: Full Waveguide Bandwidth

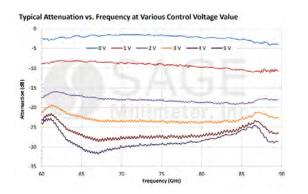


SKA-7531142520-1010-A1 75 to 110 GHz



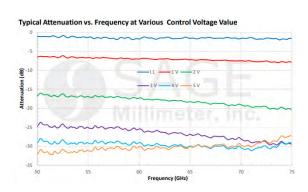


SKA-6039033030-1212-A1 60 to 90 GHz





SKA-5037533030-1515-A1 50 to 75 GHz



COAXIAL PROGRAMMABLE ATTENUATOR

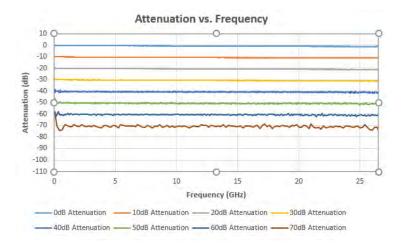
FAMILY: <u>STA</u> DC to 50 GHz, Up to 110 dB

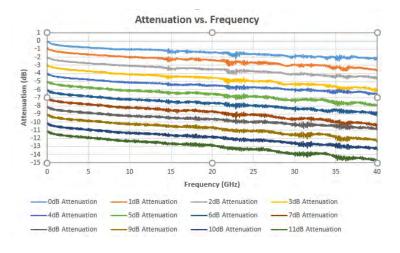
More Than 15 Models: 1 dB, 5 dB, 10 dB Step Size

Features:

- DC to 50 GHz Coverage
- High Attenuation Value up to 110 dB
- Step Size, 1 dB, 5 dB and 10 dB Available
- TTL Control via Logic Table
- Low DC Power Once Latching







WAVEGUIDE DIRECT READING AND PROGRAMMABLE ATTENUATOR

FAMILY: STA 50 to 330 GHz

More Than 10 Models: Full Waveguide Bandwidth



STA-40-03-S1 220 to 330 GHz

Parameter	Minimum	Typical	Maximum
Frequency Range	220 GHz		330 GHz
Insertion Loss		4.5 dB	
Attenuation Range	0 dB		40 dB
Attenuation Accuracy	0.25 dB or 4.5% of reading, whichever is larger, up to 40 dB		
Attenuation Resolution	0.1 dB from 0 to 10 dB, 0.2 dB from 10 to 30 dB, 0.5 dB from 30 to 40 dB		
Return Loss		15 dB	
Operating Voltage	+24 V _{DC} (100 to 240 V _{AC} Adapter is Supplied)		
Power Handling			10 mW (CW)
Specification Temperature		+25 °C	
Operating Temperature	+5 °C		+35 °C

WAVEGUIDE FIXED ATTENUATOR



More Than 140 Models: Full Waveguide Bandwidth



STA-30-03-F1 220 to 330 GHz, 30 dB

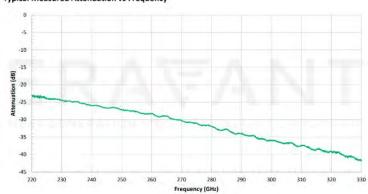


75 to 110 GHz, 10 Watts

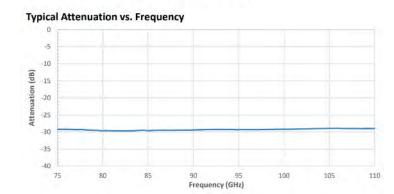


STA-30-28-F2 26.5 to 40 GHz, 30 dB

Typical Measured Attenuation vs Frequency



W-Band Fixed Attenuator, 30 dB, 10 Watts



PIN DIODE SPST SWITCH

More Than 10 Models: Full Waveguide Bandwidth



SKS-2242946035-0303-R1-M 220 to 290 GHz



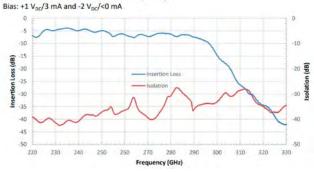
SKS-0525035050-2F2F-A3 0.5 to 50 GHz

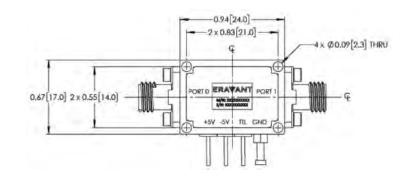


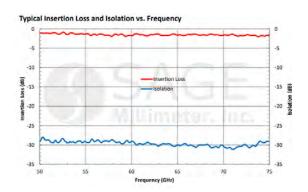
SKS-5037533030-1515-R1 50 to 75 GHz

FAMILY: SKS

Insertion Loss and Isolation vs. Frequency



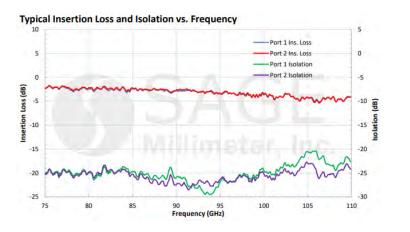


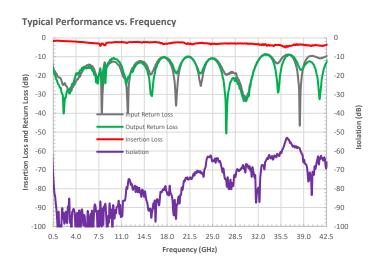


PIN DIODE SPDT SWITCH

FAMILY: <u>SKD</u> 0.5 to 110 GHz



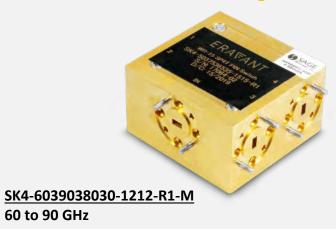




PIN DIODE SP4T SWITCH

FAMILY: <u>SK4</u> 0.5 to 90 GHz

More Than 10 Models: Full Waveguide Bandwidth

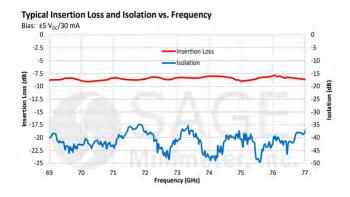




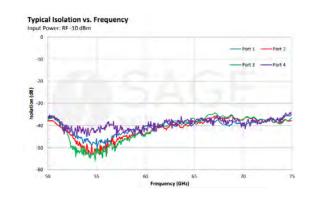
SK4-5037536535-1515-R1-M 50 to 75 GHz

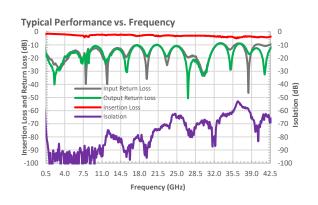


SK4-0524335060-KFKF-A3 0.5 GHz to 43 GHz



60 to 90 GHz





FAMILY: <u>SK8</u> 0.5 to 40 GHz

PIN DIODE SP8T SWITCH

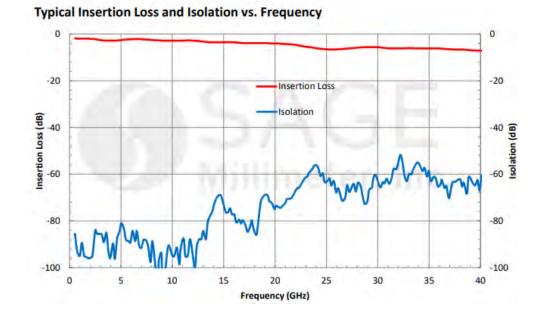
2 Models: 0.5 to 40 GHz Bandwidth

Features:

- Low Insertion Loss
- High Isolation
- Absorptive



SK4-6039038030-1212-R1-M 0.5 to 40 GHz



WAVEGUIDE MOTORIZED **SWITCH**

FAMILY: SWJ 18 to 220 GHz

11 Models: Full Waveguide Bandwidth



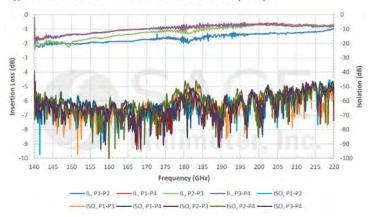
SWJ-15-T1 50 to 75 GHz

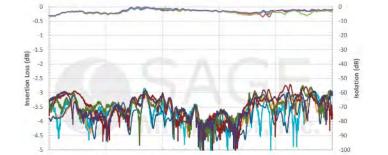


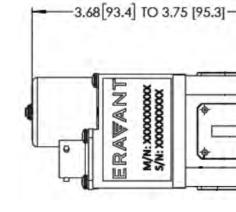


Typical Measured Insertion Loss and Isolation vs Frequency

SWJ-05-T1







1.85[47.0]

FERRITE DEVICES

FARADAY ISOLATOR

FAMILY: STF 18 to 260 GHz

More Than 20 Models: Full Waveguide Bandwidth



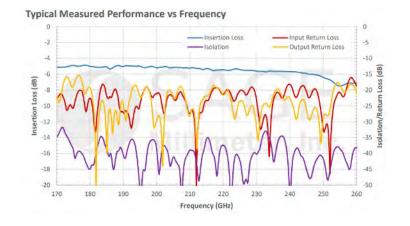
STF-04-S1 170 to 260 GHz

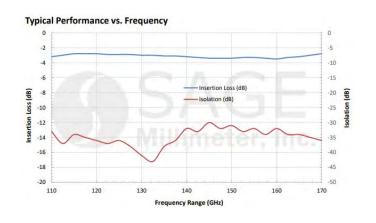


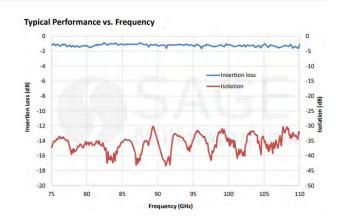
STF-06-S1 110 to 170 GHz



STF-10-S1 75 to 110 GHz







COMPACT FARADAY ISOLATORS

FAMILY: <u>STF</u> 18 to 265 GHz

More Than 10 Models: Full Waveguide Bandwidth



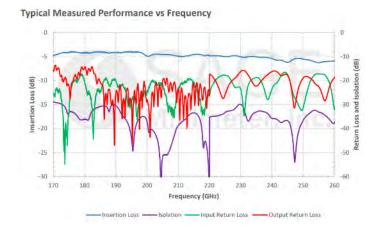
STF-04-S1-M 170 to 260 GHz

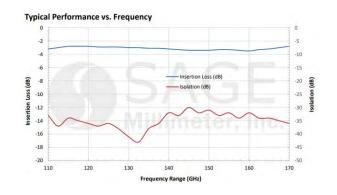


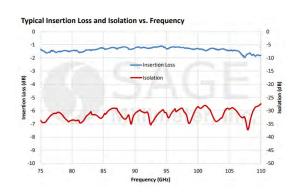
STF-06-S1-C 110 to 170 GHz



STF-10-S1-C 75 to 110 GHz







PASSIVE WAVEGUIDE COMPONENTS

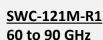
WAVEGUIDE TO COAX ADAPTER (RIGHT ANGLE)

FAMILY: SWC 8.2 to 110 GHz

More Than 60 Models: Full Waveguide Bandwidth



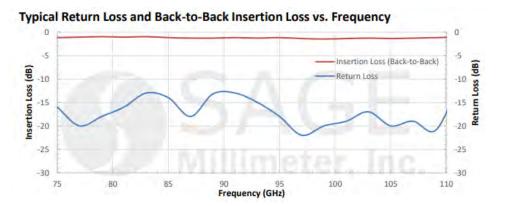


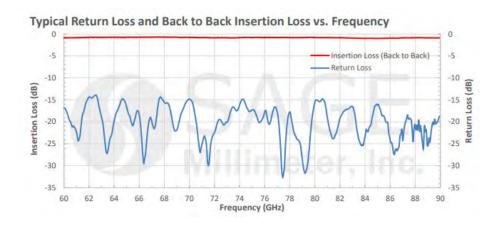


75 to 110 GHz



SWC-15VF-R1 50 to 75 GHz





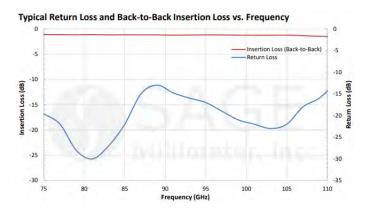
WAVEGUIDE TO COAX ADAPTER (END LAUNCH)

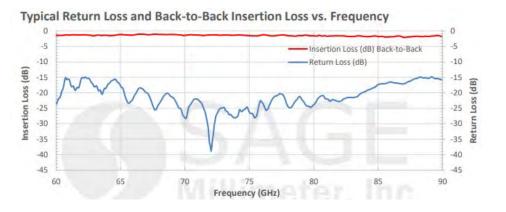
FAMILY: <u>SWC</u> 8.2 to 110 GHz











WAVEGUIDE DIRECTIONAL COUPLER

FAMILY: SWD18 to 330 GHz

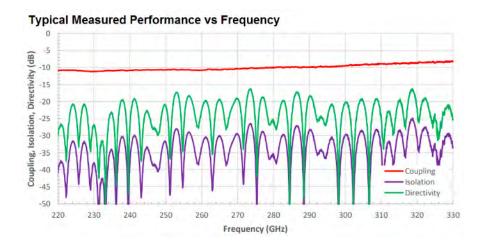
More Than 180 Models: Full Waveguide Bandwidth

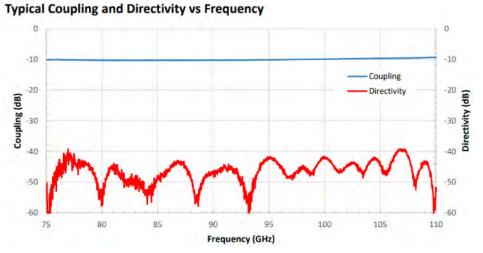


SWD-1020H-03-SB 220 to 330 GHz, 10 dB



SWD-1040H-10-DB 75 to 110 GHz, 10 dB





WAVEGUIDE CROSSGUIDE COUPLER

FAMILY: SWX 26.5 to 110 GHz

More Than 30 Models: Full Waveguide Bandwidth



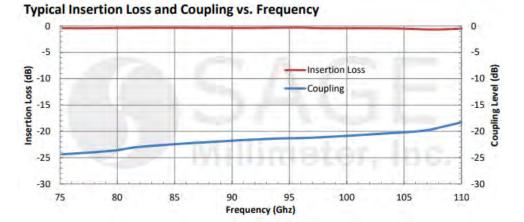
SWX-75311420-10-4B 75 to 110 GHz, 20 dB

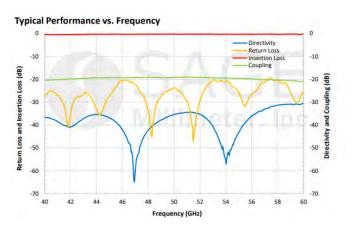


SWX-50375330-15-4B 50 to 75 GHz, 30 dB



SWX-40360320-19-4B 40 to 60 GHz, 20 dB





WAVEGUIDE POWER DIVIDERS



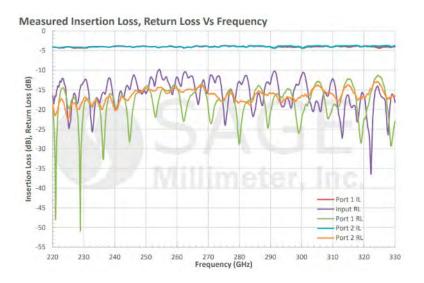
More Than 35 Models: Full Waveguide Bandwidth



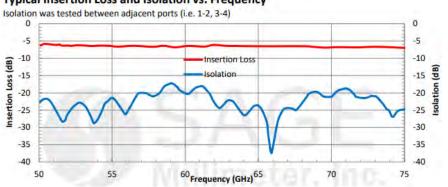
SWP-22433402-03-S1 220 to 330 GHz, 2 Ways



SWP-50375304-15-E1 50 to 75 GHz, 4 Ways



Typical Insertion Loss and Isolation vs. Frequency



RECTANGULAR WAVEGUIDE (RIGID)

FAMILY: <u>SWG</u> 18 to 325 GHz

More Than 500 Models: WR-03 to WR-42



SWG-03010-FB WR-03 Straight Section, 1"



SWG-10020-FB WR-10 Straight Section, 2"



SWB-06090-EB WR-06 E-Plane Bend, 90°



SWB-10090-HB WR-10 H-Plane Bend, 90°



SWB-10090-TB WR-10 Twist, 90°



SWB-12090-TB WR-12 Twist, 90°

RECTANGULAR WAVEGUIDES (FLEXIBLE)

FAMILY: <u>SWG</u> 7.05 to 110 GHz

More Than 50 Models: WR-10 to WR-112



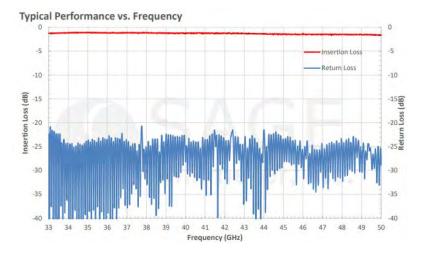
SWG-10020-FB-F WR-10 Length 2"

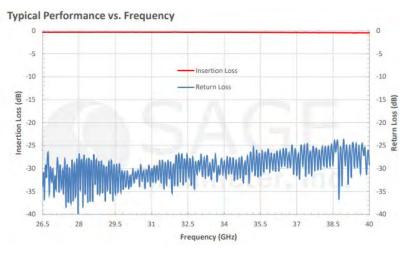


SWG-22236-FB-FT-A-G WR-22 Length 23.6"



SWG-28059-FB-FT-G WR-28 Length 5.9"





PASSIVE COAXIAL COMPONENTS

COAXIAL DIRECTIONAL COUPLERS

FAMILY: <u>SCD</u> 1 to 50 GHz, 10 to 67 GHz

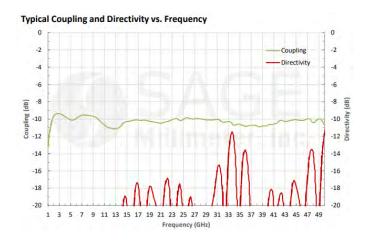
More Than 25 Models: Broad Bandwidth

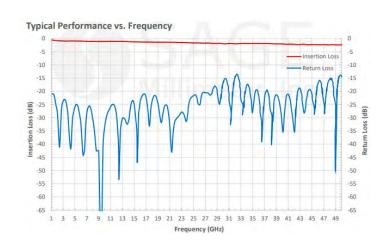


SCD-0136731008-VF-SA 1 to 67 GHz, 10 dB



SCD-0135032008-2F-SA 1 to 50 GHz, 20 dB





COAX POWER DIVIDERS

FAMILY: <u>SCS</u> 1 to 65 GHz

More Than 50 Models: 2 Way, 4 Way, 8 Way, 16 Way



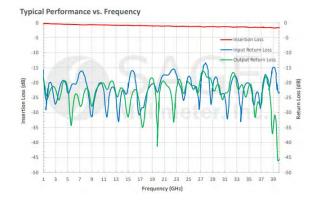
SCS-0134031215-KFKF-22 1 to 40 GHz, 2 Way

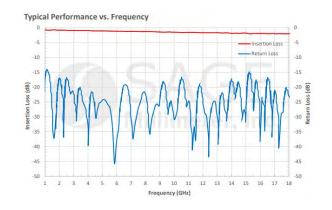


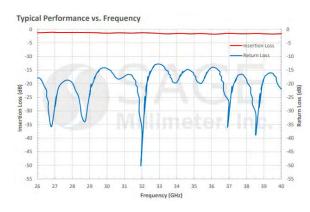
SCS-0134035014-KFKF-42 1 to 40 GHz, 4 Way



SCS-1034032615-KFKF-82 10 to 40 GHz, 8 Way







COAXIAL ADAPTER (IN SERIES)

FAMILY: SCT DC to 110 GHz

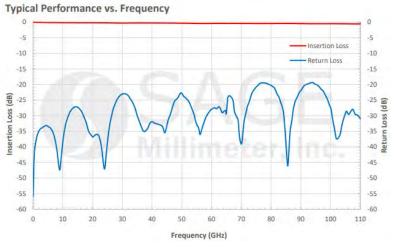
More Than 60 Models: 1 mm, 1.85 mm, 2.4 mm, 2.92 mm

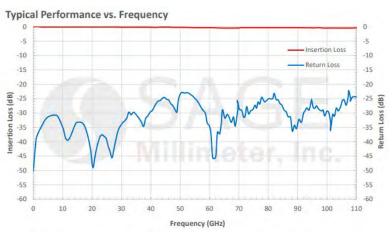


SCT-1F1F-UB
DC to 110 GHz



SCT-1M1M-UB DC to 110 GHz





COAXIAL ADAPTER (BETWEEN SERIES)

FAMILY: SCT DC to 90 GHz

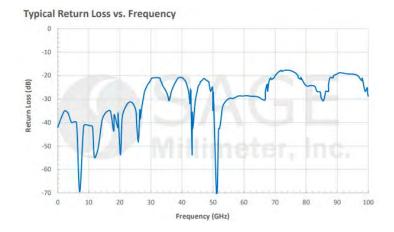
More Than 90 Models: 1 mm, 1.35 mm, 1.85 mm, 2.4 mm, 2.92 mm

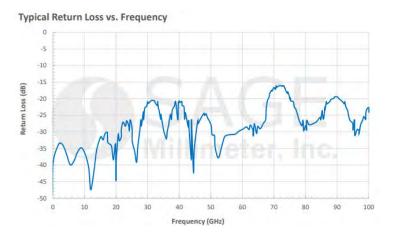


SCT-AF1M-UB DC to 100 GHz



SCT-AF1F-UB DC to 100 GHz





COAXIAL CABLE (FLEXIBLE)

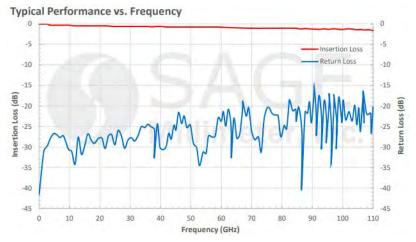
FAMILY: <u>SCW</u> DC to 110 GHz

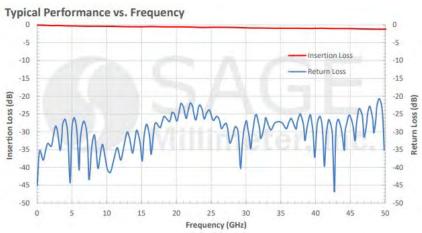
More Than 100 Models: 1 mm, 1.35 mm, 1.85 mm, 2.4 mm, 2.92 mm





SCW-2M2M006-F1 DC to 50 GHz, 6"





COAXIAL CABLE (SEMI-RIGID)

FAMILY: <u>SCW</u> DC to 110 GHz

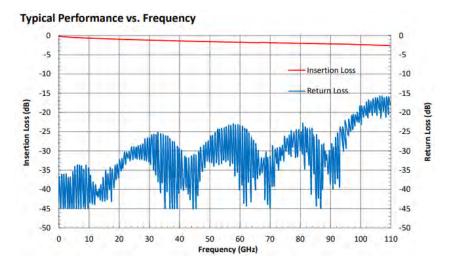
More Than 50 Models: 1 mm, 1.85 mm, 2.4 mm, 2.92 mm



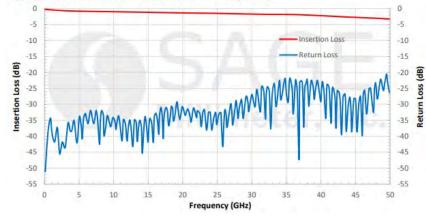
SCW-1M1M006-S1 DC to 110 GHz, 6"



SCW-2M2M012-S1 DC to 50 GHz, 12"







TEST EQUIPMENT

WAVEGUIDE NOISE SOURCES

FAMILY: <u>STZ</u> 26.5 to 170 GHz

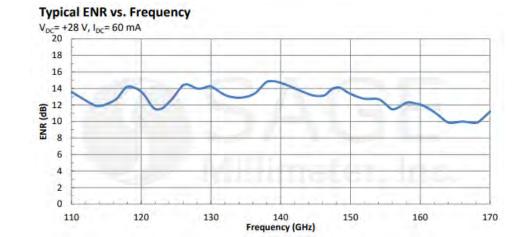
More Than 20 Models: Full Waveguide Bandwidth

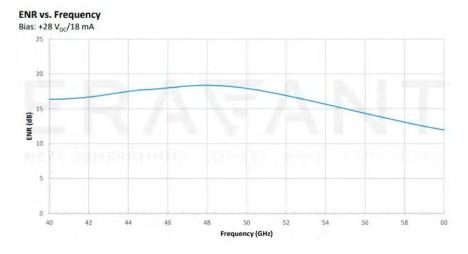




STZ-19-02 40 to 60 GHz







COAXIAL NOISE SOURCES

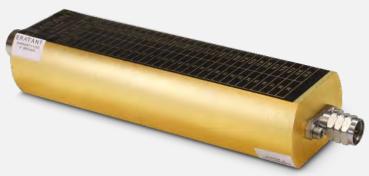
FAMILY: STZ 0.5 to 67 GHz

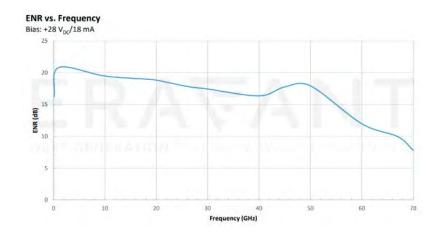
Wide Bandwidth: 1.85 mm, 2.4 mm, 2.92 mm

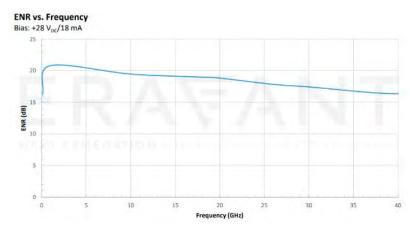
STZ-05267313-VM-0T2 0.5 to 67 GHz



STZ-05240318-KM-02 0.5 to 40 GHz







SPECTRUM ANALYZER HARMONIC MIXER

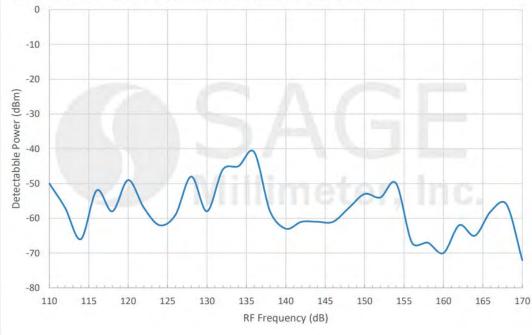
FAMILY: STH
18 to 170 GHz

More Than 8 Models: Full Waveguide Bandwidth



Detectable Power versus RF Frequency

Test Condition: LO Frequency: RF/30; LO Power: +16 dBm; IF: 300 MHz



COAXIAL VNA CALIBRATION KIT

FAMILY: STQ-TODC to 67 GHz

4 Models: Each Kit Includes Male & Female Shorts, Opens and Loads, Adapters, Torque Wrench and Calibration Data



STQ-TO-VFVM-U3-CKIT1 1.85 mm, DC to 67 GHz



STQ-TO-2F2M-U3-CKIT1 2.4 mm, DC to 50 GHz



STQ-TO-KFKM-U3-CKIT1 2.92 mm, DC to 40 GHz



STQ-TO-3F3M-U3-CKIT1 DC to 26.5 GHz

WAVEGUIDE VNA CALIBRATION KIT

FAMILY: STQ-TO
18 to 220 GHz

More Than 20 Models: Optional Equipment Includes Proxi-FlangeTM Contactless Waveguide Adapters



STQ-TO-05-S1-CKIT1-CF 140 to 220 GHz with Proxi-Flange™

SYNTHESIZER/SWEEPER FREQUENCY EXTENDER

FAMILY: STE 40 to 220 GHz

9 Models: WR-05 to WR-19 Bands



STE-154224KF1205-N03-S1 140 to 220 GHz, 0 dBm



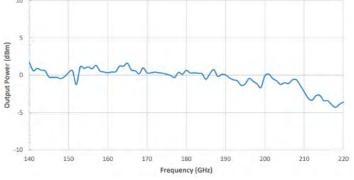
STE-SF610-S1 75 to 110 GHz, +16 dBm

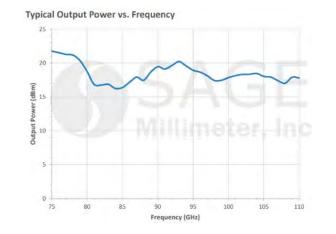


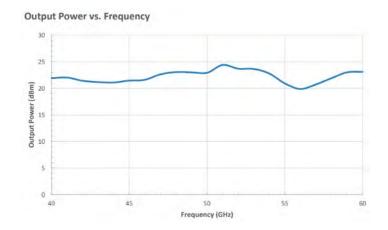
STE-SF419-S1 40 to 60 GHz, +20 dBm



Output Power vs. Frequency







FREQUENCY DOWN-CONVERTERS

FAMILY: STC 26.5 to 220 GHz

More Than 20 Models: WR-05 to WR-28 Bands



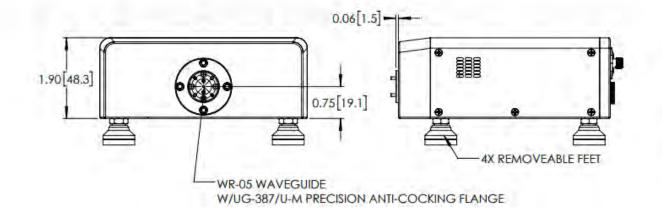
STC-N15-05-S1 140 to 220 GHz

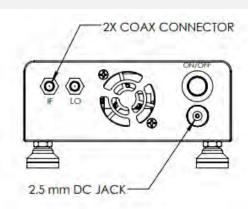


STC-N15-06-S1 110 to 170 GHz



STC-N12-15-S1 50 to 75 GHz





NOISE FIGURE & GAIN TEST EXTENDER

FAMILY: <u>STG</u> 26.5 to 170 GHz

More Than 8 Models: WR-06 to WR-28 Bands



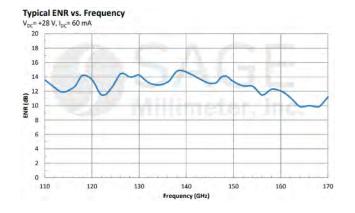
STG-06-S1 110 to 170 GHz

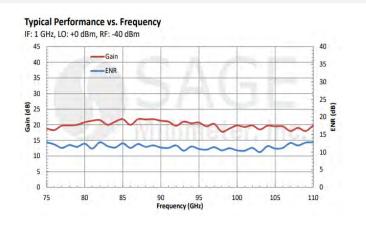


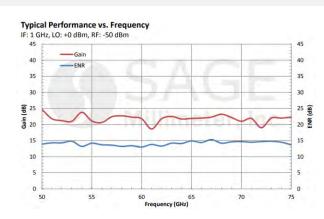
STG-10-S1 75 to 110 GHz



STG-15-S1 50 to 75 GHz







COAX CABLE (VECTOR NETWORK ANALYZER)

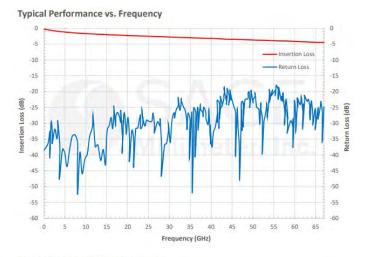
FAMILY: STQ-CW
DC to 67 GHz

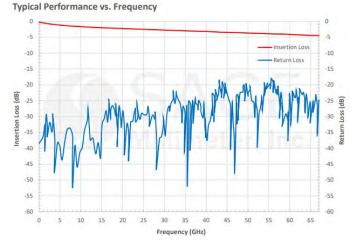
More Than 10 Models: 1.85 mm, 2.4 mm, 2.92 mm, 3.5 mm





STQ-CW-VFVM025-F1 DC to 67 GHz, 25"

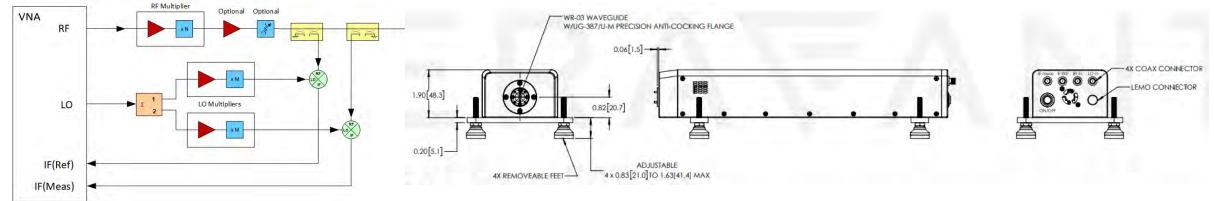




VECTOR NETWORK ANALYZER FREQUENCY EXTENDER

FAMILY: <u>STO</u> 50 to 330 GHz





PROXI-FLANGETM CONTACTLESS WAVEGUIDE FLANGE

FAMILY: <u>STQ-WG</u>
18 to 330 GHz

Waveguide Bands: WR-03 to WR-42

STQ-WG-03025-FB-CF 220 TO 330 GHz



STQ-WG-34025-FB-CF 22 to 33 GHz



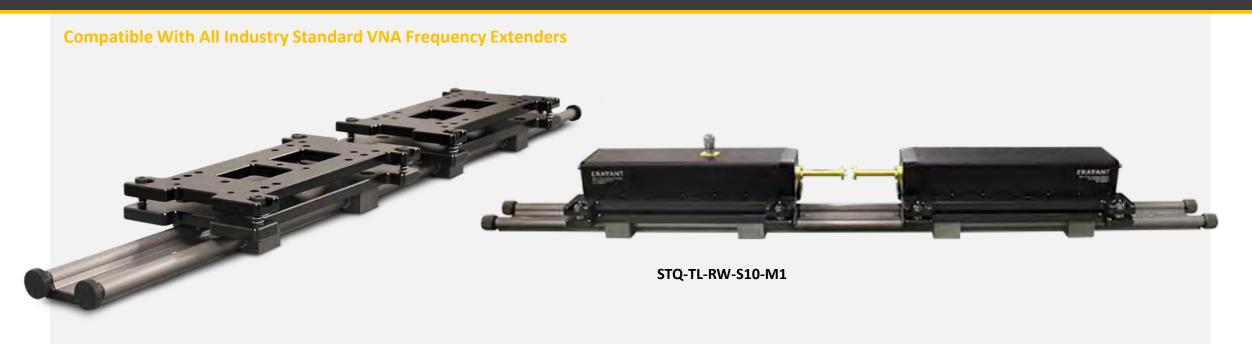
Typical Measured Performance vs Frequency

No Waveguide Screws Required During Calibration and Testing

No Damage To Waveguide Interfaces
On Test System or Components

WAVE-GLIDETM RAIL SYSTEM FOR VNA FREQUENCY EXTENDERS

FAMILY: STQ-TL



Maintains Alignment Between VNA Frequency Extender Test Ports

Streamlines and Simplifies Calibration and Testing Procedures



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