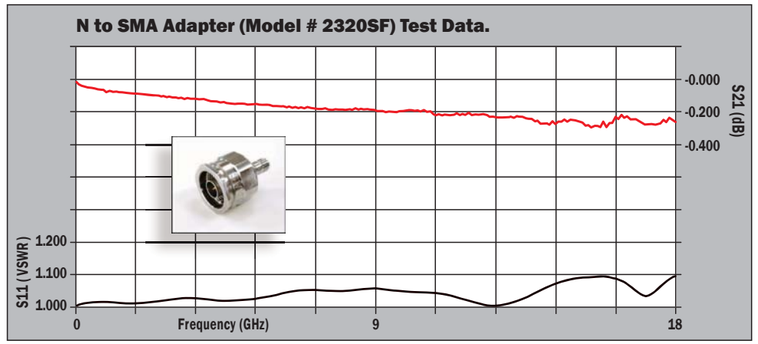
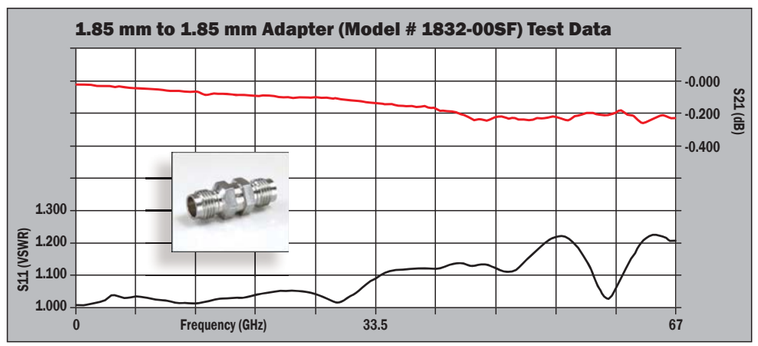
SOUTHWEST MICROWAVE

Specifications (all series):

- Low VSWR
  DC to 18.0 GHz.....1.10:1 max
  18.0 to 27.0 GHz....1.15:1 max
  27.0 to 40.0 GHz....1.15:1 max
  40.0 to 50.0 GHz....1.18:1 max
  50.0 to 67.0 GHz....1.25:1 max
- Low Insertion Loss
- Leakage: <-100dB
- Temperature Rating:
  - -55ºC to + 165ºC for N-to-SMA, SMA-to-SMA, 1.85mm-to-1.85mm & 0.9mm-to-1.85 mm
  - -55ºC to + 135ºC for all other adapters





Precision Adapters

A Full Range of Adapters from N (18 Ghz) to 1.85 mm (67 GHz)

- *Low VSWR*
- *Low Insertion Loss*
- *Low RF Leakage*
- *High Temperature*

Southwest Microwave, Inc.
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Phone: 480.783.0201 ■ www.southwestmicrowave.com

DFARS COMPLIANT · RoHS COMPLIANT · ISO 9001 COMPLIANT · REACH Compliant · Pb lead-free · MATERIAL TRACEABILITY

Rev. 3.0

Southwest Microwave, Inc.

www.southwestmicrowave.com ■ Tempe, Arizona USA

Precision Adapters *N (18 GHz) to 1.85 mm (67 GHz)*

SOUTHWEST MICROWAVE

These are commercially priced precision adapters, with near-metrology grade performance, produced and tested to the same criteria as adapters for Calibration Kits. SMI adapters provide a cost-effective solution for applications that do not require phase matching, where previously only expensive metrology-grade adapters were used.

They are ideal for use as "connector savers" without compromising measurement accuracy. Besides testing, they also are used in demanding environments including hi-rel/space. All are RoHS and Lead-Free complaint, with raw materials traceability.

N to SMA *(18 GHz)*

N (f) to SMA (f) (18 GHz)

2310SF

N (m) to SMA (f) (18 GHz)

2320SF

N (f) to SMA (m) (18 GHz)

2330SF

N (m) to SMA (m) (18 GHz)

2340SF

N (f) to SMA (m) (18 GHz)

2311SF

N (f) to SMA (f) (18 GHz)

2312SF

SMA *(27 GHz)*

SMA (m) to (f) (27 GHz)

230-506SF

SMA (m) to (m) (27 GHz)

231-502SF

SMA (f) to (f) (27 GHz)

232-502SF

SMA (f) to (f) Bulkhead (27 GHz)

232-510SF

SMA (f) to (f) Flange Mount (27 GHz)

Threaded Mounting Hole **232-512SF**
Un-Threaded Mounting Hole **232-514SF**

3.5 mm to 2.40 mm *(33 GHz)*

3.5 mm (f) to 2.40 mm (f) (33 GHz)

61410-00SF

3.5 mm (f) to 2.40 mm (m) (33 GHz)

61420-00SF

3.5 mm (m) to 2.40 mm (f) (33 GHz)

61430-00SF

3.5 mm (m) to 2.40 mm (m) (33 GHz)

61440-00SF

2.92 mm *(40 GHz)*

2.92 mm (f) to (m) (40 GHz)

1030-00SF

2.92 mm (m) to (m) (40 GHz)

1031-00SF

2.92 mm (f) to (f) (40 GHz)

1032-00SF

2.92 mm (f) to (m) Bulkhead (40 GHz)

1030-10SF

2.92 mm (f) to (f) Bulkhead (40 GHz)

1032-10SF

2.92 mm (f) to (f) Flange Mount (40 GHz)

O-Ring not included.

1032-13SF

2.92 mm to 2.40 mm *(40 GHz)*

2.92 mm (f) to 2.40 mm (f) (40 GHz)

101410-00SF

2.92 mm (f) to 2.40 mm (m) (40 GHz)

101420-00SF

2.92 mm (m) to 2.40 mm (f) (40 GHz)

101430-00SF

2.92 mm (m) to 2.40 mm (m) (40 GHz)

101440-00SF

SSMA (Airline) to 2.40 mm *(40 GHz)*

SSMA (f) to 2.40 mm (f) (40 GHz)

11410-00SF

SSMA (f) to 2.40 mm (m) (40 GHz)

11420-00SF

SSMA (m) to 2.40 mm (f) (40 GHz)

11430-00SF

SSMA (m) to 2.40 mm (m) (40 GHz)

11440-00SF

2.40 mm *(50 GHz)*

2.40 mm (f) to (m) (50 GHz)

1430-00SF

2.40 mm (m) to (m) (50 GHz)

1431-00SF

2.40 mm (f) to (f) (50 GHz)

1432-00SF

1.85 mm *(67 GHz)*

1.85 mm (f) to (m) (67 GHz)

1830-00SF

1.85 mm (m) to (m) (67 GHz)

1831-00SF

1.85 mm (f) to (f) (67 GHz)

1832-00SF

1.85 mm to 0.9 mm (SSBT) *(67 GHz)* *****AVAILABLE SOON*****

1.85 mm (m) to 0.9mm (m) (67 GHz)

185240-00G

1.85 mm (m) to 0.9mm (f) (67 GHz)

185330-00G

1.85 mm (f) to 0.9mm (m) (67 GHz)

185220-00G

1.85 mm (f) to 0.9mm (f) (67 GHz)

185310-00G