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*Southwest Microwave Adapters are considered in-between metrology and instrument grades.
Our adapters would best be described as "Precision Grade" which are ideally suited for production tests.*

N to Super SMA Adapters DC to 18.0 GHz

Application:

- DC to 18.0 GHz High Performance

Features:

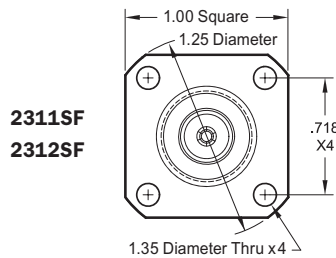
- Mode Free Through 18.0 GHz.
- Low VSWR:
DC to 18.0 GHz.....1.15:1 max.
- Performance Consistency Unit-to-unit
- Temperature Rating -55°C to +165°C

Interface:

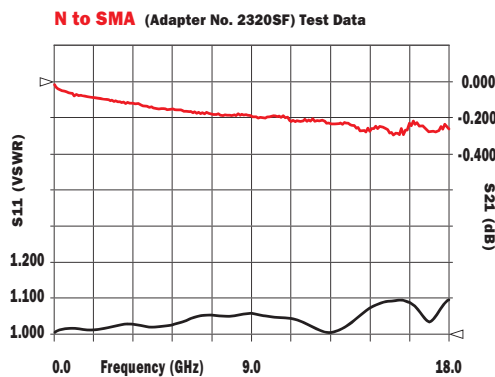
- Per MIL-STD-348
SMA Figs. 310-1 and 310-2
N Figs. 304-1 and 304-2

Construction:

- Housing: Stainless Steel, Passivated
- Contact: Beryllium Copper (BeCu)
Gold Plated Per MIL-G-45204
- Dielectric:
PTFE Fluorocarbon Per ASTM D1710
- Center Contact Capture:
Ultem 1000 Per ASTM D5205



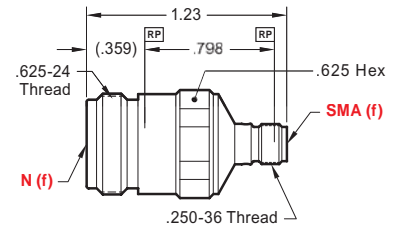
2311SF
2312SF



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



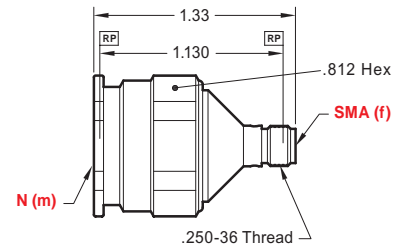
2310SF



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



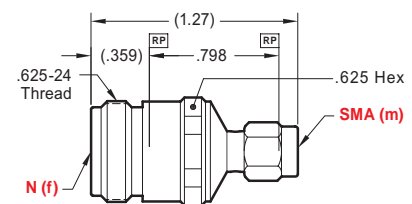
2320SF



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



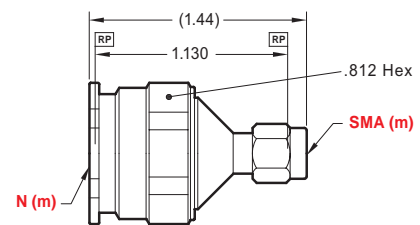
2330SF



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



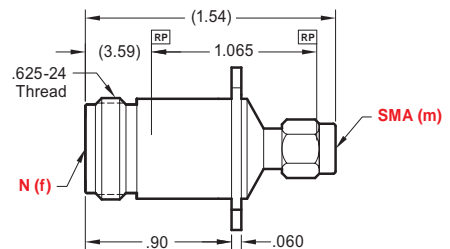
2340SF



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



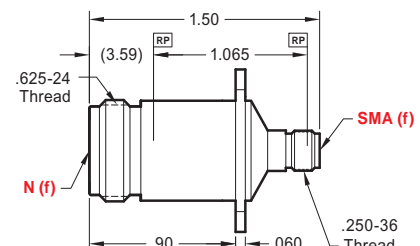
2311SF



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



2312SF





Super SMA Adapters

DC to 27.0 GHz

Super SMA Adapters

DC to 27.0 GHz

Application:

- DC to 27.0 GHz High Performance

Features:

- Mode Free Through 27.0 GHz.
- Low VSWR:
DC to 18.0 GHz.....1.10:1 max.
18.0 to 27.0 GHz.....1.15:1 max.
- Minimum VSWR Contribution When Used as Connector Savers
- Performance Consistency Unit-to-unit
- Temperature Rating -55°C to +165°C

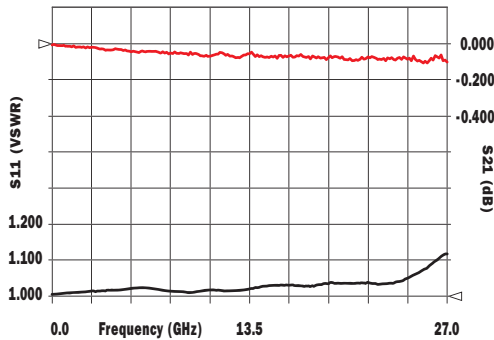
Interface:

- Per MIL-STD-348
SMA Figs. 310-1 and 310-2

Construction:

- Housing: Stainless Steel, Passivated
- Contact: Beryllium Copper (BeCu)
Gold Plated Per MIL-G-45204
- Dielectric:
PTFE Fluorocarbon Per ASTM D1710
- Center Contact Capture:
Ultem 1000 Per ASTM D5205

Super SMA (Adapter No. 232-502SF) Test Data

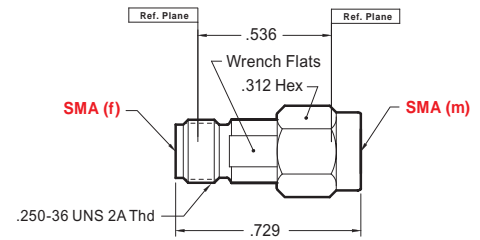


SMA (m) to (f)

(27 GHz)



230-506SF

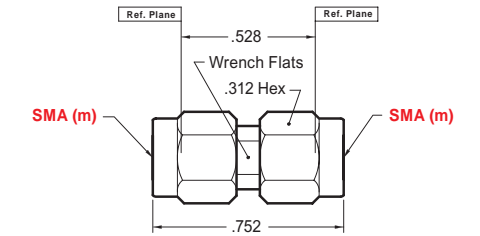


SMA (m) to (m)

(27 GHz)



231-502SF

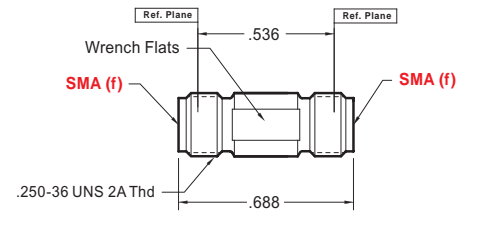


SMA (f) to (f)

(27 GHz)



232-502SF

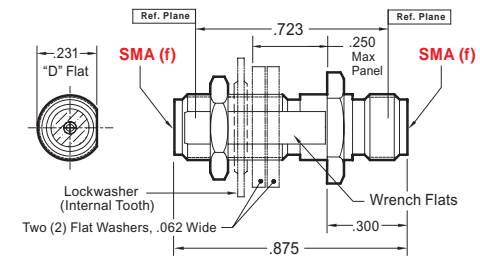


SMA (f) to (f)

Bulkhead
(27 GHz)



232-510SF

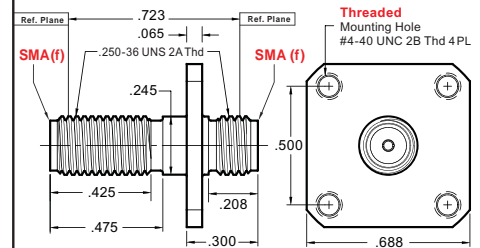


SMA (f) to (f)

Flange Mount
(27 GHz)



232-512SF

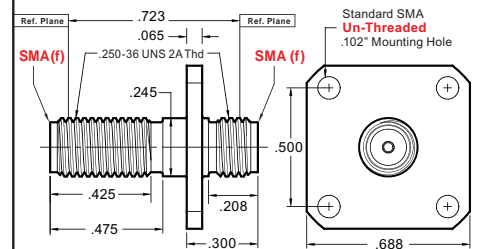


SMA (f) to (f)

Flange Mount
(27 GHz)



232-514SF



3.5 mm to 2.40 mm

DC to 33.0 GHz

Application:

- DC to 33.0 GHz High Performance

Features:

- Mode Free Through 33.0 GHz.
- Low VSWR:
DC to 27.0 GHz.....1.10:1 max.
27.0 to 33.0 GHz.....1.15:1 max.
- Performance Consistency Unit-to-unit
- Temperature Rating -55°C to +135°C

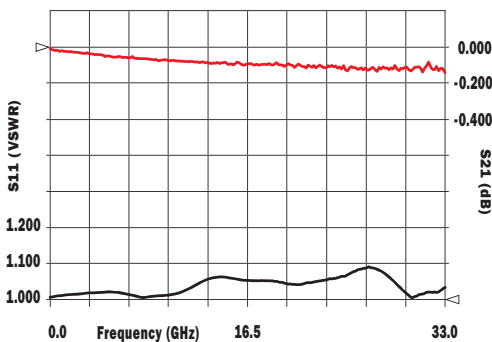
Interface:

- Per MIL-STD-348
2.40 mm Figs. 324-1 and 324-2
3.5 mm Ref IEEE Std 287

Construction:

- Housing: Stainless Steel, Passivated
- Contact: Beryllium Copper (BeCu)
Gold Plated Per MIL-G-45204
- Center Contact Capture:
Ultem 1000 Per ASTM D5205
and KEL-F Per ASTM D1430

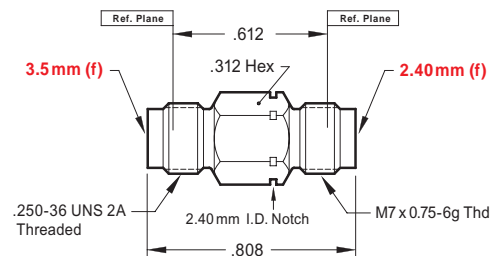
3.5 mm to 2.40 mm (Adapter No. 61420-00SF) Test Data



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



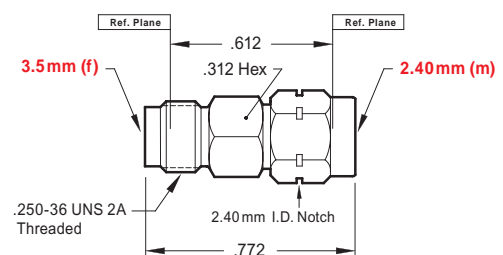
61410-00SF



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



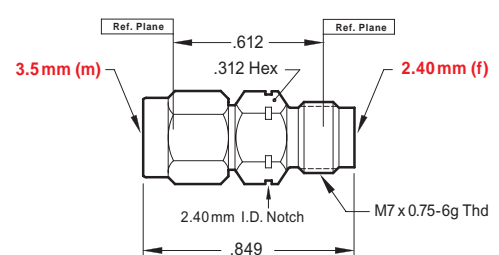
61420-00SF



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



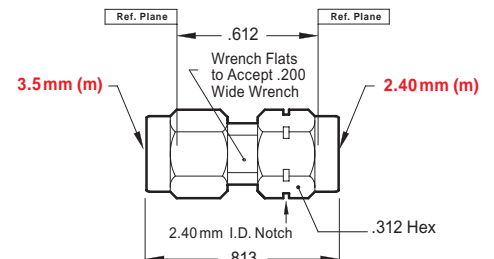
61430-00SF



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



61440-00SF



2.92 mm "JK" Adapters

DC to 40.0 GHz

Application:

- DC to 40.0 GHz High Performance

Features:

- Mode Free Through 40.0 GHz.
- Low VSWR:
DC to 27.0 GHz.....1.10:1 max.
27.0 to 40.0 GHz.....1.15:1 max.
- Minimum VSWR Contribution When Used as Connector Savers
- Performance Consistency Unit-to-unit
- Temperature Rating -55°C to +135°C

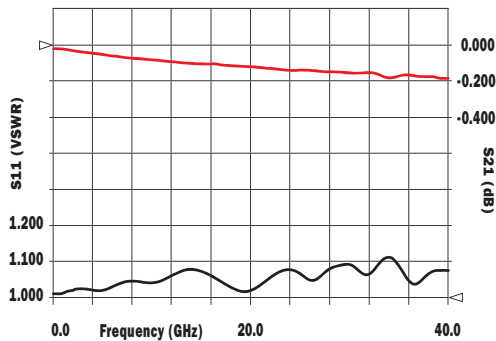
Interface:

- Per MIL-STD-348
2.92 mm Figs. 323-1 and 323-2

Construction:

- Housing: Stainless Steel, Passivated
- Contact: Beryllium Copper (BeCu)
Gold Plated Per MIL-G-45204
- Center Contact Capture:
Ultem 1000 Per ASTM D5205
and KEL-F Per ASTM D1430

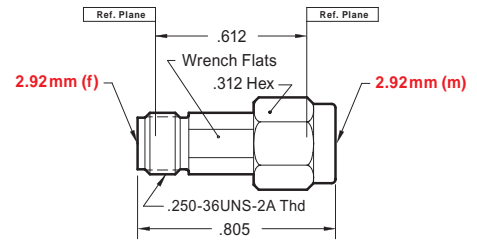
2.92 mm to 2.92 mm (Adapter No. 1031-00SF) Test Data



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



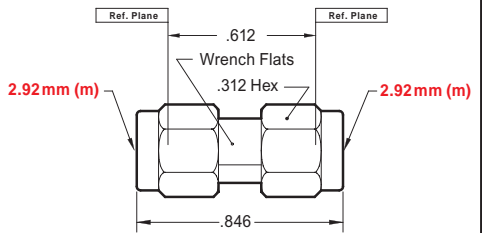
1030-00SF



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



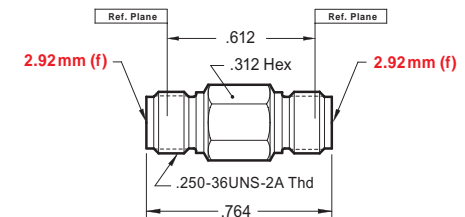
1031-00SF



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



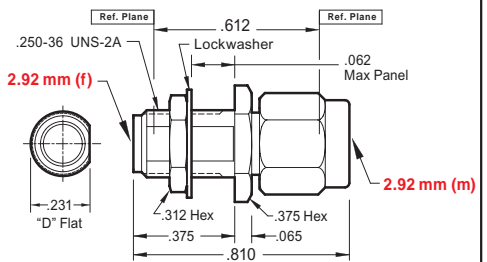
1032-00SF



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



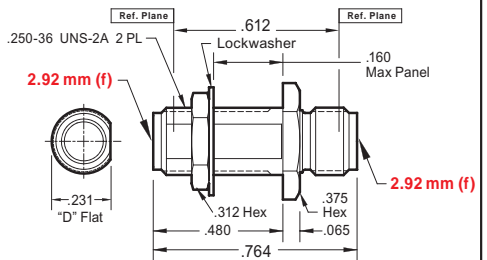
1030-10SF



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



1032-10SF

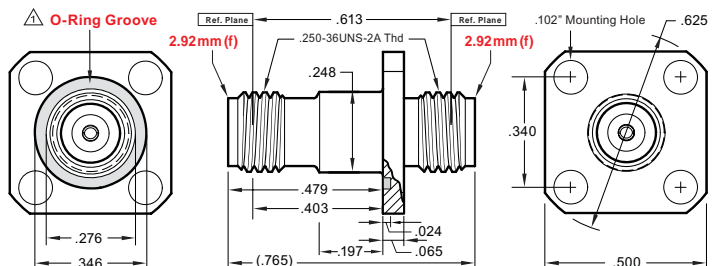


2.92 mm (f) to (f)
Bulkhead
(40 GHz)



1032-13SF

△ Optional O-Ring Seal supplied by customer (see 1032-13SF)



2.92 mm to 2.40 mm Adapters DC to 40.0 GHz

2.92 mm to 2.40 mm DC to 40.0 GHz

Application:

- DC to 40.0 GHz High Performance

Features:

- Mode Free Through 40.0 GHz.
- Low VSWR:
DC to 27.0 GHz.....1.10:1 max.
27.0 to 40.0 GHz.....1.15:1 max.
- Performance Consistency Unit-to-unit
- Temperature Rating -55°C to +135°C

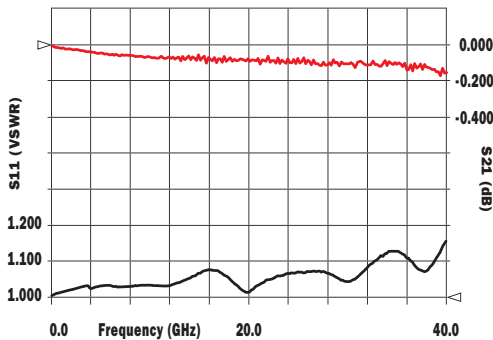
Interface:

- Per MIL-STD-348
2.92 mm Figs. 323-1 and 323-2
2.40 mm Figs. 324-1 and 324-2

Construction:

- Housing: Stainless Steel, Passivated
- Contact: Beryllium Copper (BeCu)
Gold Plated Per MIL-G-45204
- Center Contact Capture:
Ultem 1000 Per ASTM D5205
and KEL-F Per ASTM D1430

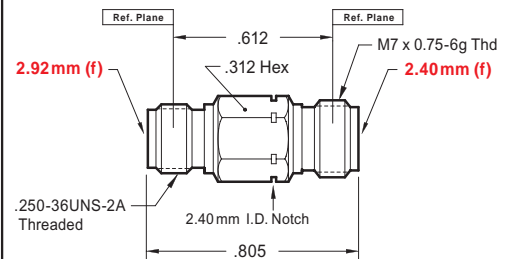
2.92 mm to 2.40 mm (Adapter No. 101430-00SF) Test Data



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



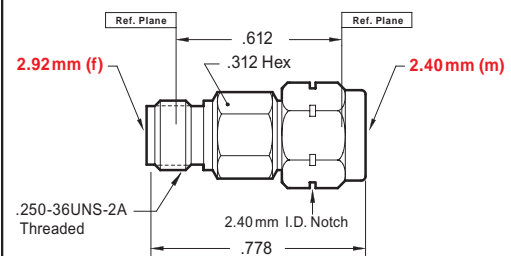
101410-00SF



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



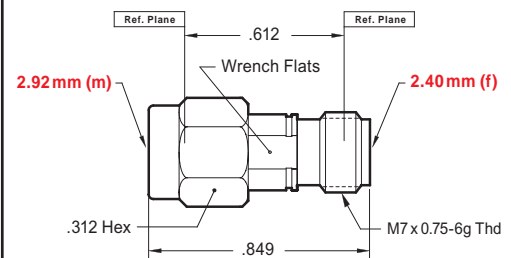
101420-00SF



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



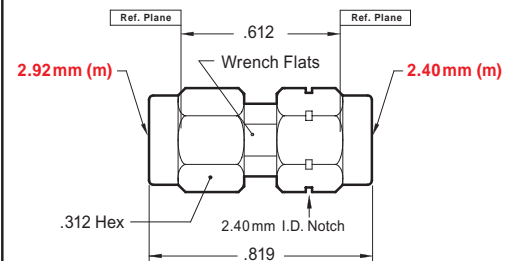
101430-00SF



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



101440-00SF





SSMA (Airline) to 2.40 mm Adapters DC to 40.0 GHz

SSMA (Airline) to 2.40 mm DC to 40.0 GHz

Application:

- DC to 40.0 GHz High Performance

Features:

- Mode Free Through 40.0 GHz.
- Low VSWR:
DC to 27.0 GHz.....1.10:1 max.
27.0 to 40.0 GHz.....1.15:1 max.
- Performance Consistency Unit-to-unit
- Temperature Rating -55°C to +135°C

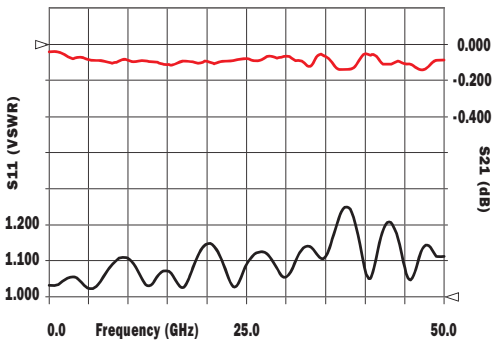
Interface:

- Per MIL-STD-348
SSMA Figs. 319-1 and 319-2
2.40 mm Figs. 324-1 and 324-2

Construction:

- Housing: Stainless Steel, Passivated
- Contact: Beryllium Copper (BeCu)
Gold Plated Per MIL-G-45204
- Center Contact Capture:
Ultem 1000 Per ASTM D5205
and KEL-F Per ASTM D1430

SSMA (Airline) to 2.4 mm
(Adapter No. 11430-00SF) Test Data



<p>SSMA (f) to 2.40 mm (f) (40 GHz)</p> <p>11410-00SF</p>	<p>Ref. Plane .612 Ref. Plane SSMA (f) (Air Dielectric) .312 Hex 2.40mm (f) #10-36 UNS 2A Thread 2.40 mm I.D. Notch M7 x .75-6g Thread .808</p>
<p>SSMA (f) to 2.40 mm (m) (40 GHz)</p> <p>11420-00SF</p>	<p>Ref. Plane .612 Ref. Plane SSMA (f) (Air Dielectric) Wrench Flats .312 Hex 2.40mm (m) #10-36 UNS 2A Thread 2.40 mm I.D. Notch .773</p>
<p>SSMA (m) to 2.40 mm (f) (40 GHz)</p> <p>11430-00SF</p>	<p>Ref. Plane .612 Ref. Plane SSMA (m) (Air Dielectric) .250" Hex .312 Hex 2.40mm (f) 2.40 mm I.D. Notch M7 x .75-6g Thread .847</p>
<p>SSMA (m) to 2.40 mm (m) (40 GHz)</p> <p>11440-00SF</p>	<p>Ref. Plane .612 Ref. Plane SSMA (m) (Air Dielectric) .250" Hex Wrench Flats .312 Hex 2.40mm (m) 2.40 mm I.D. Notch .811</p>

2.40 mm Adapters

DC to 50.0 GHz

Application:

- DC to 50.0 GHz High Performance

Features:

- Mode Free Through 50.0 GHz.
- Low VSWR:
DC to 27.0 GHz.....1.10:1 max.
27.0 to 40.0 GHz.....1.15:1 max.
40.0 to 50.0 GHz.....1.20:1 max.
- Minimum VSWR Contribution When Used as Connector Savers
- Performance Consistency Unit-to-unit
- Temperature Rating -55°C to +135°C

Interface:

- Per MIL-STD-348
2.40 mm Figs. 324-1 and 324-2

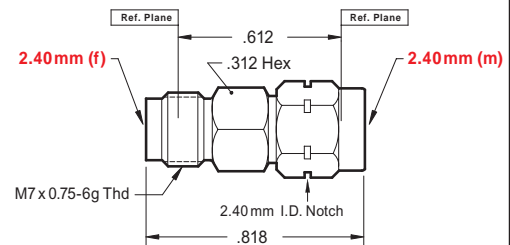
Construction:

- Housing: Stainless Steel, Passivated
- Contact: Beryllium Copper (BeCu)
Gold Plated Per MIL-G-45204
- Center Contact Capture:
Ultem 1000 Per ASTM D5205
and KEL-F Per ASTM D1430

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



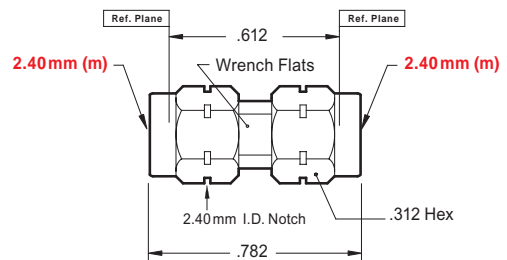
1430-00SF



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



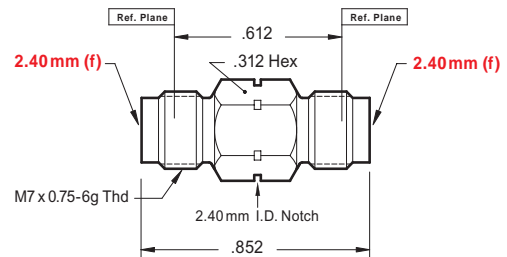
1431-00SF



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



1432-00SF



2.40 mm to 2.40 mm (Adapter No. 1431-00SF) Test Data

