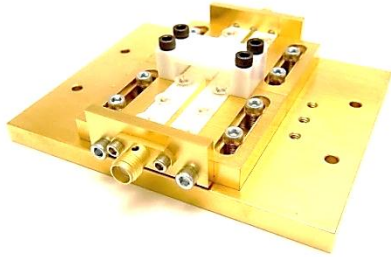


FRFS-0352

SMALL SIGNAL RF/MW FIXTURE

REV 1.10



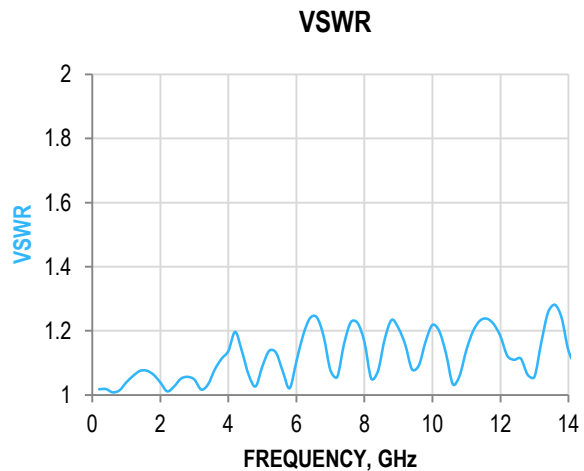
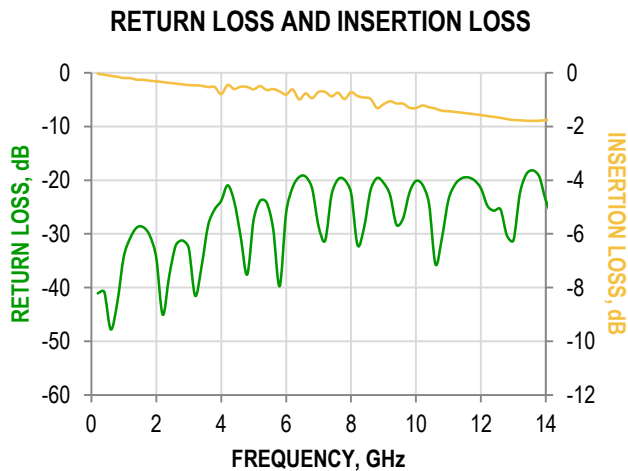
The FRFS-0352 is a high performance RF/MW fixture that is easy to use and is versatile enough to meet a multitude of testing needs. It is designed to accommodate various size components by swapping out appropriate mid-sections. The end launchers are designed to accommodate standard PCB thicknesses* from .010 to .062 inches thick. Please consult engineering for further customization needs.

* Performance will vary upon thicknesses

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION*
FREQUENCY RANGE	DC – 12.4 GHz
INS. LOSS @3.5 GHz, TYP	0.5 dB
VSWR (DC-3.5 GHz), TYP	1.10:1
INS. LOSS @12.4 GHz, TYP	1.7 dB
VSWR (3.5-12.4 GHz), TYP	1.25:1

* Specification based on board P/N 722-0001-01 and connector EPC-SMA-2HF-01-030



MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
MATING INTERFACE	SMA JACK (FEMALE)
TEMPERATURE RANGE	-45 TO +125 °C
DUT LIMIT	1.000 in.
PCB THICKNESS RANGE	.010 TO .062 in.

Electro-Photonics LLC reserves the right to modify drawings, configurations, specifications, and design at any time without prior notification.

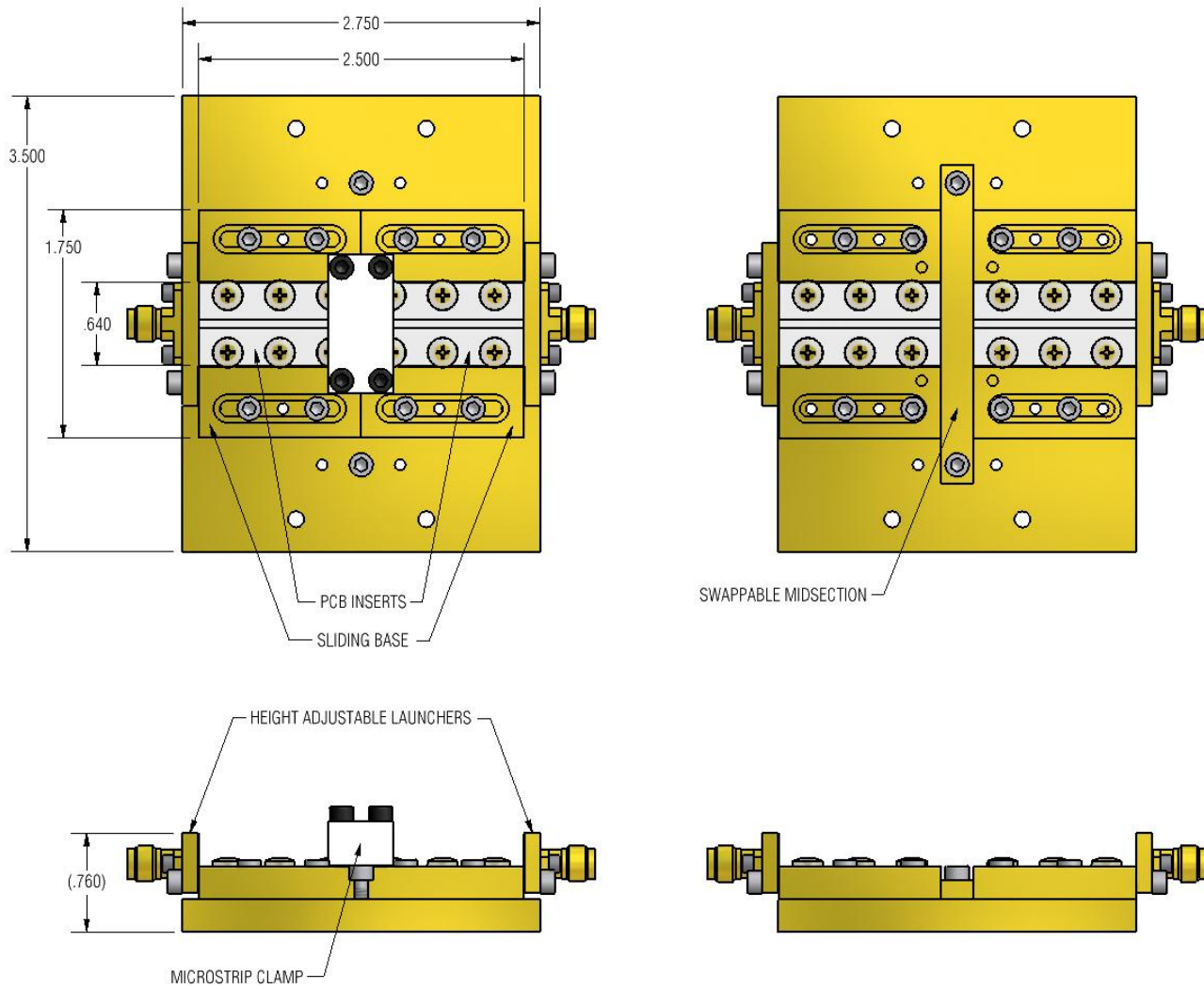
2740 SW Martin Downs Blvd, #122 ▪ Palm City, FL 34990 ▪ 772-485-0927

SALES@ELECTRO-PHOTONICS.COM ▪ WWW.ELECTRO-PHOTONICS.COM

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ACCESSORIES

MID-SECTIONS

MIDSECTION P/N	WIDTH	THICKNESS	HEIGHT TO TRACE
FRFS-0352-M01	.245	.145	(.110)
FRFS-0352-M02	.260	.210	(.045)
FRFS-0352-M03	.265	.128	(.127)
FRFS-0352-M04	.215	.145	(.110)
FRFS-0352-M05	.265	.150	(.105)
FRFS-0352-M06	.245	.130	(.125)
FRFS-0352-M07	.390	.115	(.140)
FRFS-0352-M08	.515	.115	(.140)
FRFS-0352-M09	1.020	.095	(.160)

* Units are in inches

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FRFS-0352

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LAUNCHER PLATES

LAUNCHER P/N	EP CONNECTOR P/N
FRFS-0352-03	EPC-SMA-2HF-01-030

MISCELLANEOUS

P/N	DESCRIPTION
FRFS-0352-04	MICROSTRIP PRESS

** Consult engineering eng@electro-photonics.com for other possible custom accessories to suit your needs.

ORDERING INFO

FIXTURE

Base Fixture

FRFS - 0352

PRODUCT CODE

FIXTURE CODE

The base fixture includes:

PART NUMBER	QTY	DESCRIPTION
FRFS-0352-01	1	BASE PLATE
FRFS-0352-02	2	SLIDING BASE
FRFS-0352-03	2	LAUNCHER PLATES
EPC-SMA-2HF-01-030	2	CONNECTORS
722-0001-01	6	PCB INSERT
	1	CASE

To order additional accessories see the 'Accessories' section for part number.

PACKAGING

Each fixture is packaged in a clear, rugged, dust proof, water resistant case. Case may vary per quantity ordered.