PASTERNACK®
THE ENGINEER'S RF SOURCE

SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz

RF Adapters Technical Data Sheet

PE91222

Configuration

- SMA Male Connector 1
- SMA Female Connector 2
- 50 Ohm
- Radius Right Angle Body Geometry

Features

- Max VSWR of 1.55:1 up to 26.5 GHz
- SMA interface compliant with MIL-C-39012
- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test

Description

Pasternack's PE91222 SMA male to SMA female radius right angle adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to SMA adapter has a male to female gender configuration built of durable stainless steel. PE91222 SMA male to SMA female adapter operates to 26.5 GHz. The Pasternack RF adapter provides good VSWR of 1.55:1 maximum. This radius right angle SMA to SMA adapter allows for easier connections in tight spaces.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		26.5	GHz
VSWR			1.55:1	

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 18	18 to 24.5	24.5 to 26.5			GHz
VSWR, Max	1.25:1	1.25:1	1.55:1			
Insertion Loss, Typ	0.65	0.85	1.5			

Electrical Specification Notes:
Values at 25°C, sea level.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz PE91222

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

PASTERNACK®
THE ENGINEER'S RF SOURCE

SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz

RF Adapters Technical Data Sheet PE91222

Mechanical Specifications

Size

Length	0.65 in [16.51 mm]
Width	0.54 in [13.72 mm]
Weight	0.0141 lbs [6.4 g]

Description	Connector 1	Connector 2
Type	SMA Male	SMA Female
Polarity	Standard	Standard
Interface Specification	MIL-C-39012	MIL-C-39012
Hex Size	5/16 in.	
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]	

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	SMA Male		SMA Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE		PTFE	
Outer Conductor			Passivated Stainless Steel	
Body	Passivated Stainless Steel		Passivated Stainless Steel	
Gasket	Silicone Rubber		Silicone Rubber	
Coupling Nut	Passivated Stainless Steel			

Environmental Specifications

Temperature

Operating Range	-65 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz PE91222

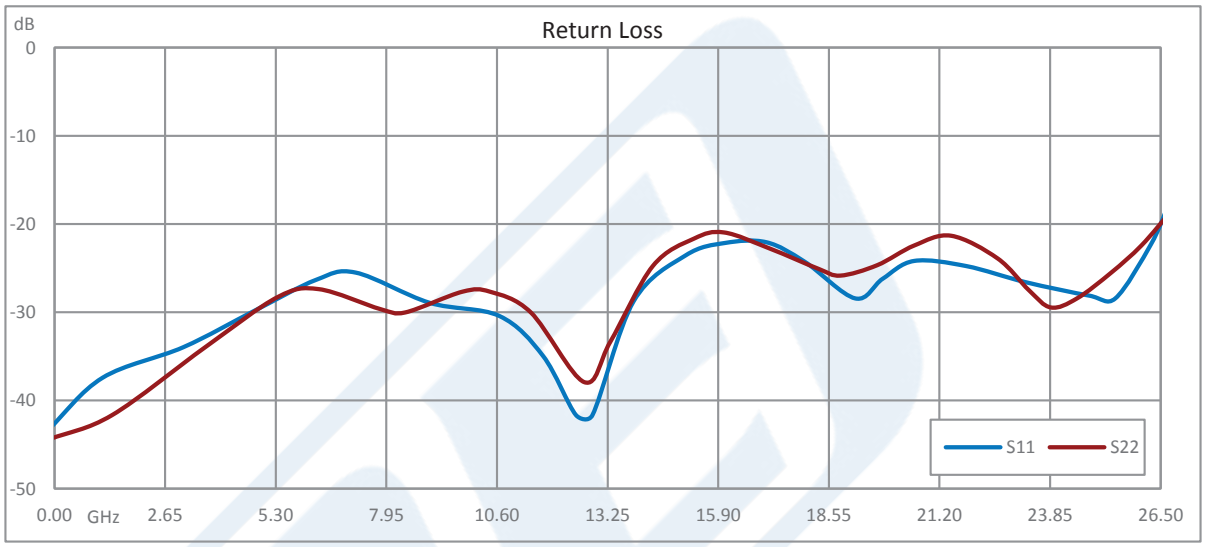
Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

PASTERNACK®
THE ENGINEER'S RF SOURCE

SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz

RF Adapters Technical Data Sheet PE91222

Typical Performance Data



SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

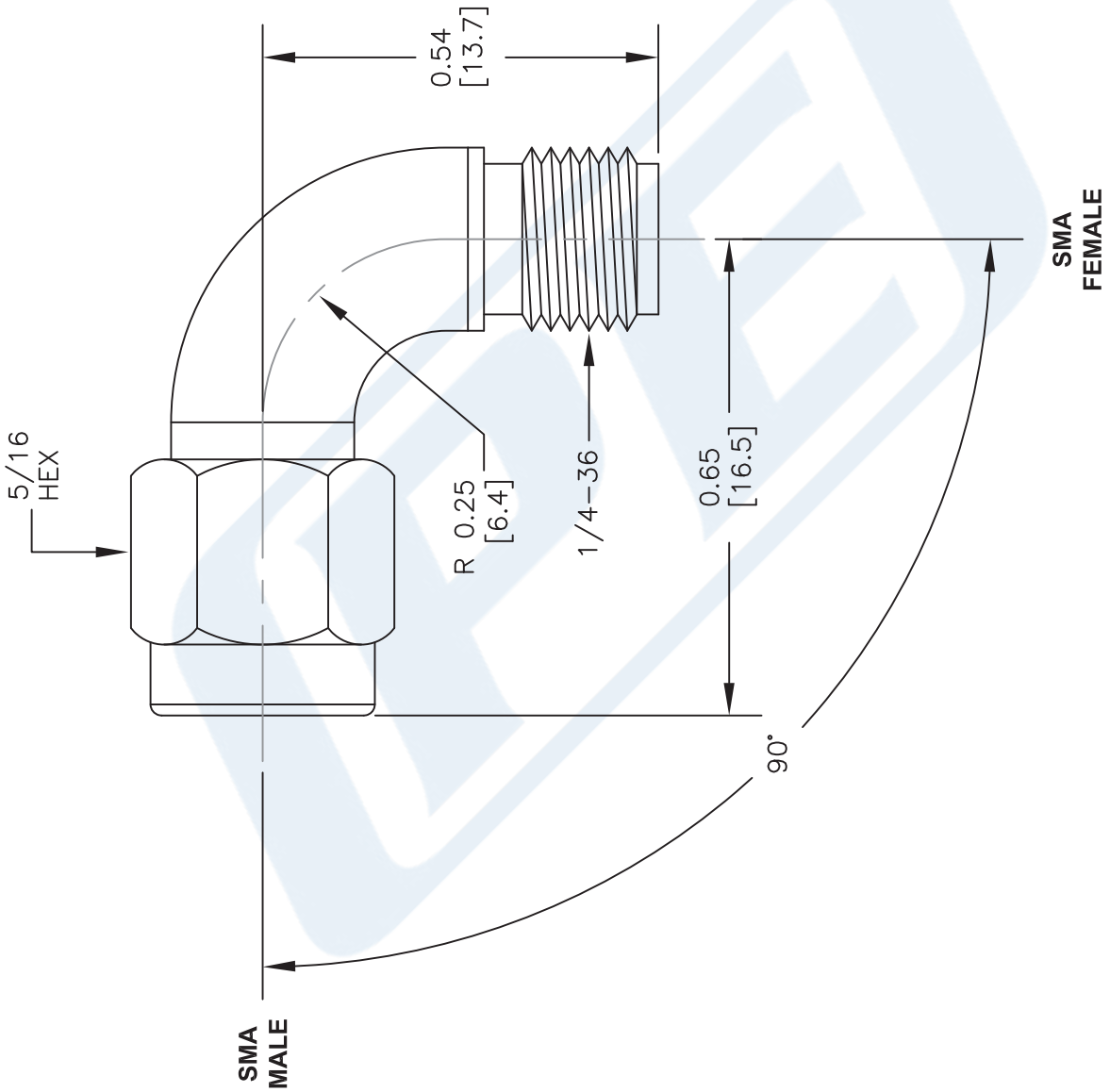
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz PE91222

URL: https://www.pasternack.com/sma-male-sma-female-swept-right-angle-adapter-pe91222-p.aspx

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

PE91222 CAD Drawing

SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz



NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE
PE91222

CAD FILE 051414 | SCALE N/A | SIZE A | 150

FSCM NO. 53919

PASTERNACK
THE ENGINEER'S RF SOURCE
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | **Fax:** (949) 261-7451
Website: www.pasternack.com | **E-Mail:** sales@pasternack.com

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Pasternack ***manufacturer:***

Other Similar products are found below :

PE91190 PE6234 PE91134 PE6TR003 PE91612 PE91141 PE6227 PE91211 PE44472 PE4075 PE4472 PE7AP006-03 PE7029-20 PE7000-10 PE7390-6 PE7000-30 PE7092-30 PE7424-30 PE83CR1004 PE9451 PE9438 PE9649 PE9491 PE9431 PE9433 PE7034-1 PE6034 PE2020 PE9659 PE83CR001 PE9378 PE9456 PE9193 PE8025 PE9182 PE9295 PE9337 PE9130 PE7139 PE8306 PE7007 PE8210 PE9082 PE9454 PE9538 PE8401 PE8402 PE9249 PE83CR1019 PE9264