



Push-On 75 Ohm F Male to F Female Adapter

RF Adapters Technical Data Sheet

PE9160

Configuration

- Push-On F Male Connector 1
- F Female Connector 2
- 75 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.5:1 up to 1,000 MHz
- Tin Plated Contact
- 40 µ-in min Tin Contact Plating

Applications

- Connector Saver
- General Purpose Test

Description

Pasternack's PE9160 type F push-on 75 ohm F male to type F F female adapter is part of our full line of RF components available for same-day shipping. Our type F to type F adapter has a male to female gender configuration. PE9160 type F F male to type F F female adapter operates to 1,000 MHz. The Pasternack RF adapter provides good VSWR of 1.5:1 maximum. The PE9160 Pasternack RF adapter can also be used as a connector saver to extend equipment life.

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		1,000	MHz
VSWR		1.43:1	1.5:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms

Mechanical Specifications

Size	
Length	0.925 in [23.5 mm]
Width	0.433 in [11 mm]
Weight	0.019 lbs [8.62 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Push-On 75 Ohm F Male to F Female Adapter PE9160](#)



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Description	Connector 1	Connector 2
Type	F Male	F Female
Polarity	Standard	Standard
Mating Cycles	500	500

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	Push-On F Male		F Female	
Contact	Copper	Tin 40 µ-in minimum	Phosphor Bronze	Tin 40 µ-in minimum
Insulation	POM		PP	
Outer Conductor			Brass	Nickel
Body	Brass	Nickel		

Environmental Specifications

Temperature

Operating Range

-40 to +60 deg C

Vibration

MIL-STD-202, Method 204, Condition D

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: [Push-On 75 Ohm F Male to F Female Adapter PE9160](#)

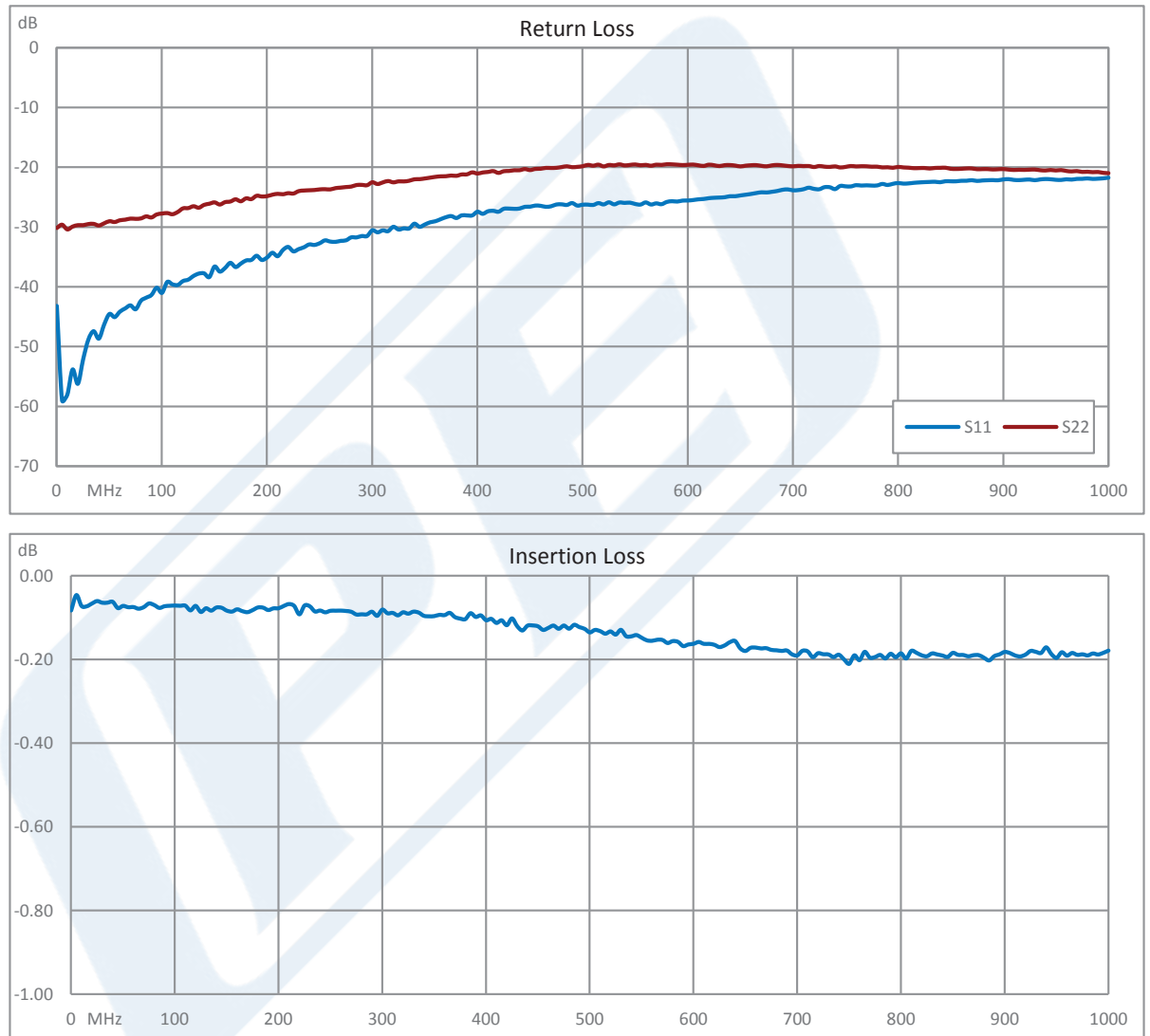


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Typical Performance Data



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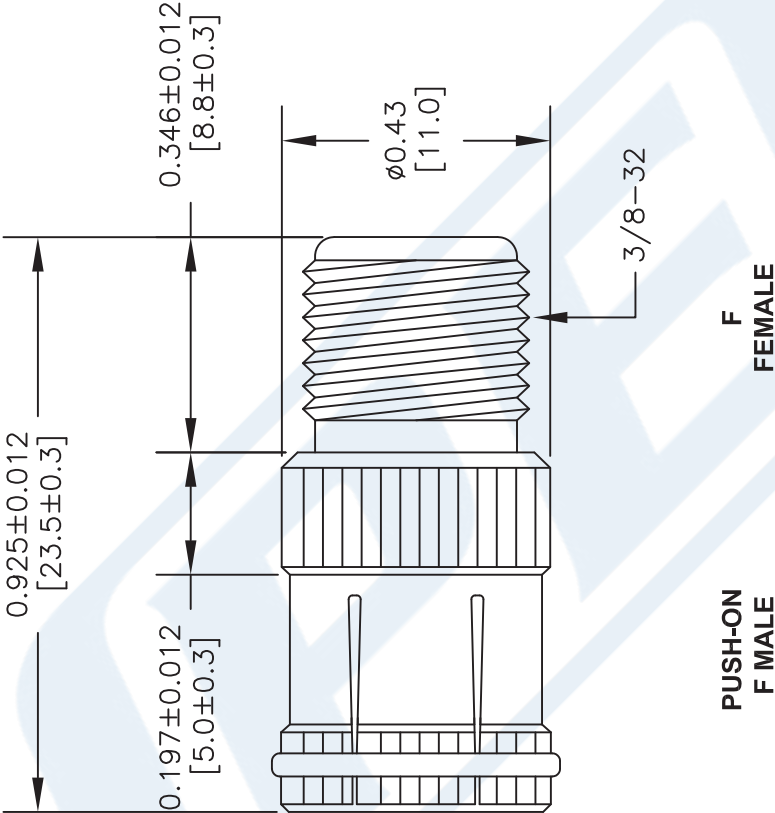
Push-On 75 Ohm F Male to F Female Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Push-On 75 Ohm F Male to F Female Adapter PE9160](#)

URL: <https://www.pasternack.com/f-male-f-female-straight-adapter-pe9160-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE9160 CAD Drawing
Push-On 75 Ohm F Male to F Female Adapter



STANDARD TOLERANCES

.X ±0.2
.XX ±0.1
.XXX ±0.05

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE9160

FSCM NO. 53919

CAD FILE 052016

SCALE N/A

SIZE A

3045

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].