



## SMA Female to UHF Male Adapter

### TECHNICAL DATA SHEET

PE9415

#### SMA Female to UHF Male Adapter

##### Configuration

Connector 1	SMA Female
Impedance 1	50 Ohms
Connector 2	UHF Male
Impedance 2	50 Ohms
Adapter Design	Standard
Body Style	Straight

##### Electrical Specifications

Frequency Range, MHz	DC to 300
Maximum VSWR	1.3:1
Maximum Operating Voltage, Volts	500
Dielectric Withstanding Voltage, Vrms	1,000

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-55 to +85
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###### Size

Length, in [mm]	1.21 [30.73]
Width/Dia., in [mm]	0.71 [18.03]

##### Connector 1

Type	SMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum
Dielectric Type	Teflon

##### Connector 2

Type	UHF Male
Inner Conductor Material and Plating	Brass, Gold
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100µ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum
Dielectric Type	Teflon

##### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female to UHF Male Adapter PE9415](#)

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.



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**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

URL: <http://www.pasternack.com/sma-female-uhf-male-straight-adapter-pe9415-p.aspx>

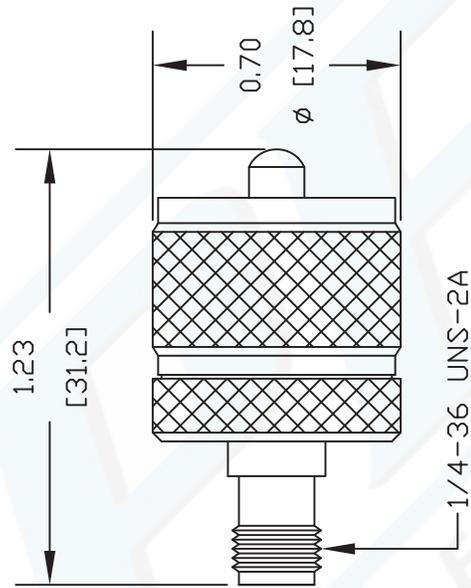
SMA Female to UHF Male Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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# PE9415 CAD Drawing

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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  
**PE9415**

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**COAXIAL & FIBER OPTICS**



REV. -	FSCM NO. 53919	CAD FILE xxxxxx	SCALE N/A	SIZE A	127
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