



TECHNICAL DATA SHEET

PE91007

SMA Male to UMCX Jack Adapter

Configuration

Connector 1	SMA Male
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348A
Connector 2	UMCX Jack
Impedance 2	50 Ohms
Adapter Design	Standard
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 6
Maximum VSWR	1.3:1
Maximum Operating Voltage, Volts	100
Dielectric Withstanding Voltage, Vrms	200

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +90
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Size

Length, in [mm]	0.415 [10.54]
Width/Dia., in [mm]	0.312 [7.92]

Connector 1

Type	SMA Male
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	50µ in. minimum
Coupling Nut Material and Plating	Brass, Gold
Coupling Nut Plating Specification	3µ in. minimum
Hex Size, in	5/16
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Brass, Gold
Body Plating Specification	3µ in. minimum
Dielectric Type	Teflon

Connector 2

Type	UMCX Jack
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	50µ in. minimum
Body Material and Plating	Brass, Gold
Body Plating Specification	3µ in. minimum
Dielectric Type	Teflon

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 UMCX Jack Adapter PE91007](#)

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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Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

Yes

Plotted and Other Data

Notes:

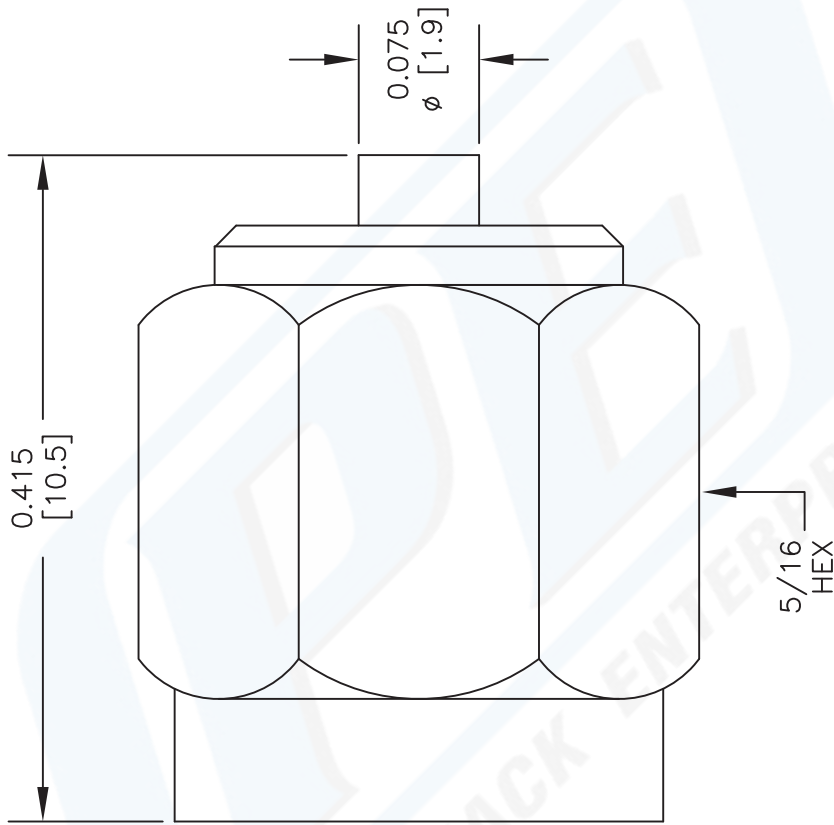
Values at 25 °C, sea level

URL: <http://www.pasternack.com/sma-male-umcx-jack-straight-adapter-pe91007-p.aspx>

SMA Male to UMCX Jack 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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PE91007 CAD Drawing
SMA Male to UMCX Jack Adapter



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		FSCM NO. 53919		CAD FILE	122109	SCALE	N/A	SIZE	A	2233
PE91007										

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