

SMA Female to QMA Male Adapter



TECHNICAL DATA SHEET

PE9786

SMA Female to QMA Male Adapter
Configuration

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

Electrical Specifications

Frequency Range, GHz	DC to 18
Maximum Operating Voltage, Volts	480
Dielectric Withstanding Voltage, Vrms	1,000

Frequency 1

Frequency, GHz	DC to 3
VSWR	1.05:1
Return Loss, dB	32
Insertion Loss, dB	0.051

Frequency 2

Frequency, GHz	3 to 6
VSWR	1.08:1
Return Loss, dB	28
Insertion Loss, dB	0.073

Mechanical Specifications
Temperature

Operating Range, deg C	-40 to +85
Storage Range, deg C	-40 to +85

Size

Length, in [mm]	0.949 [24.1]
Width/Dia., in [mm]	0.41 [10.41]

Connector 1

Type	SMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

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 QMA Male Adapter PE9786](#)

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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Connector 2

Type	QMA Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Spring Bronze, Tri-Metal
Dielectric Type	PTFE

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

RoHS Compliant	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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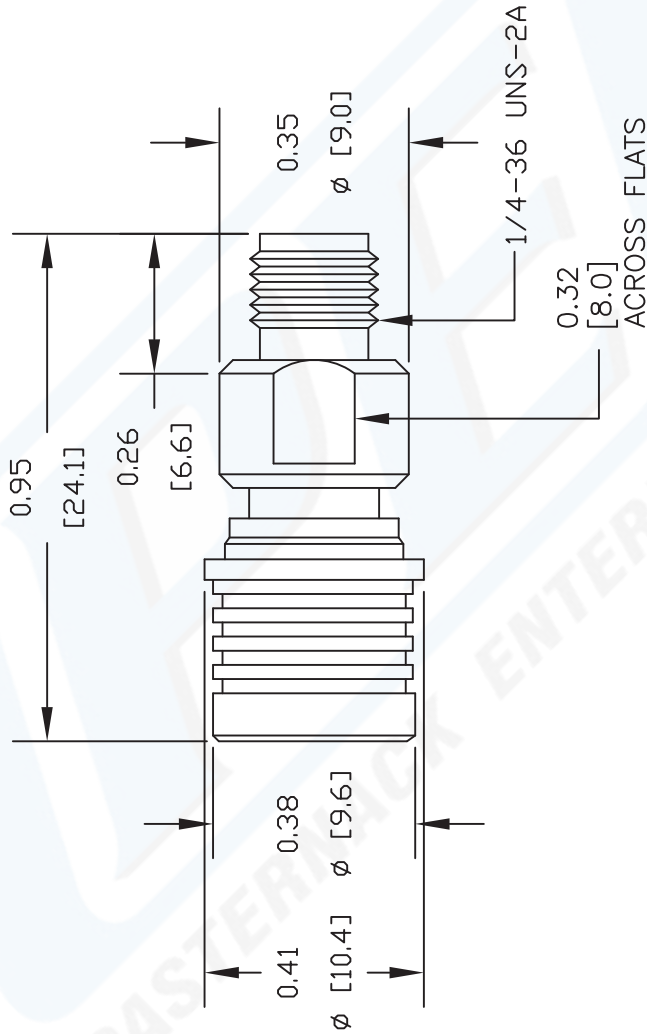
URL: <http://www.pasternack.com/sma-female-qma-male-straight-adapter-pe9786-p.aspx>

SMA Female to QMA 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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PE9786 CAD Drawing
SMA Female to QMA Male 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
PE9786

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REV. -	FSCM NO. 53919	CAD FILE 081808	SCALE N/A	SIZE A	127
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