



SMA Male to Reverse Polarity SMA Male Adapter

TECHNICAL DATA SHEET

PE91259

This adapter features a mechanically captivated contact for low RF leakage.

Configuration

Connector 1	SMA Male
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348
Connector 2	SMA Male Reverse Polarity
Impedance 2	50 Ohms
Adapter Design	Standard
Body Style	Straight

Electrical Specifications

Frequency Range	DC to 18 GHz
Maximum VSWR	1.2:1
Maximum Operating Voltage, Vrms	335
Dielectric Withstanding Voltage, Vrms	1,500
Minimum Insulation Resistance, mOhms	5,000

Mechanical Specifications

Size

Length, in [mm]	0.87 [22.1]
Width/Dia., in [mm]	0.312 [7.92]

Connector 1

Type	SMA Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	QQ-P-35
Hex Size, Inch	5/16
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	QQ-P-35
Dielectric Type	PTFE

Connector 2

Type	SMA Male Reverse Polarity
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	QQ-P-35
Hex Size, Inch	5/16
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	QQ-P-35
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 Male to Reverse Polarity SMA Male Adapter PE91259](#)



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Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

RoHS Compliant

REACH Compliant

06/06/2014

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

SMA Male to Reverse Polarity SMA Male 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.

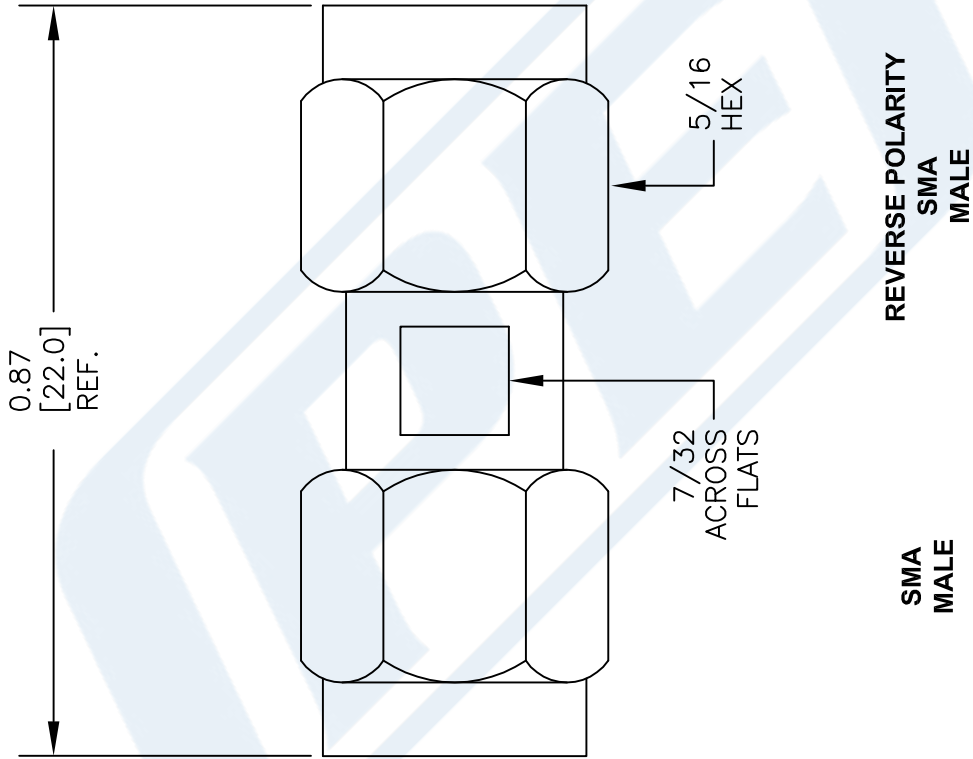
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URL: <http://www.pasternack.com/sma-male-sma-male-straight-adapter-pe91259-p.aspx>

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.

PE91259 CAD Drawing

SMA Male to Reverse Polarity SMA Male Adapter



DWG TITLE

PE91259

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).

FSCM NO. 53919

CAD FILE 122914

SCALE N/A

SIZE A

150



THE ENGINEER'S RF SOURCE
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