



50 Ohm SMA Frequency Doubler With Input From
1500 MHz To 5000 MHz And Output From 3000 MHz
To 10000 MHz With 8.5 dB Conversion Loss

TECHNICAL DATA SHEET

PE8600

50 Ohm SMA Frequency Doubler With Input From 1500 MHz To 5000 MHz And Output From 3000 MHz To 10000 MHz With 8.5 dB Conversion Loss

Configuration

Design	Doubler
Input Connector	SMA Female
Input Connector Impedance	50 Ohms
Output Connector	SMA Female

Electrical Specifications

Input Frequency Range, GHz	1.5 to 5
Output Frequency Range, GHz	3 to 10
Fundamental Isolation, dB	25

Mechanical Specifications

Size

Length, in [mm]	1.55 [39.37]
Width/Dia., in [mm]	0.31 [7.87]
Height, in [mm]	0.59 [14.99]
Body Material and Plating	Passivated Stainless Steel

Input Connector

Type	SMA Female
Body Material and Plating	Passivated Stainless Steel

Output Connector

Type	SMA Female
Body Material and Plating	Passivated Stainless Steel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm SMA Frequency Doubler With Input From 1500 MHz To 5000 MHz And Output From 3000 MHz To 10000 MHz With 8.5 dB Conversion Loss PE8600](#)

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)

Plotted and Other Data

Notes:

Values at 25 °C, sea level

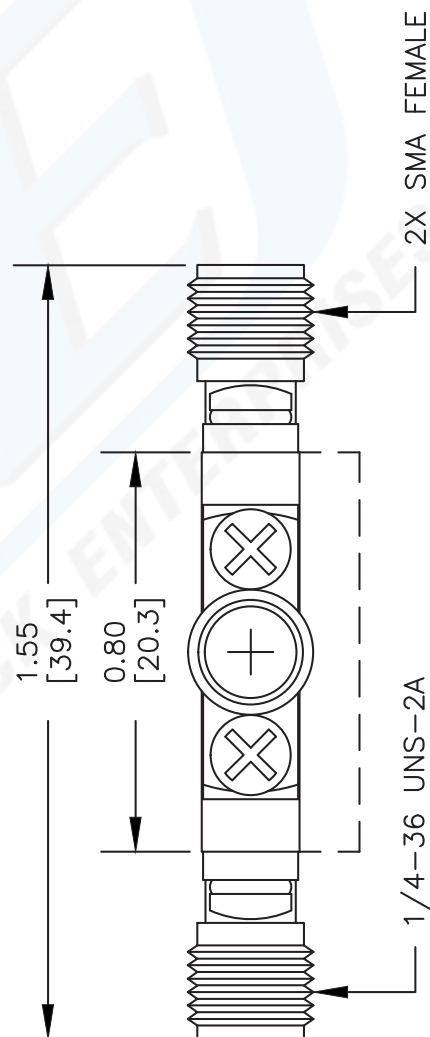
50 Ohm SMA Frequency Doubler With Input From 1500 MHz To 5000 MHz And Output From 3000 MHz To 10000 MHz With 8.5 dB Conversion Loss from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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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].

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FSCM NO. 53919

CAD FILE 120611

SCALE N/A

SIZE A

2233