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WR-42 UG-595/U Square Cover Flange to 2.92mm Male Waveguide to Coax Adapter Operating From 18 GHz to 26.5 GHz

Waveguide to Coax Adapters Technical Data Sheet PE9813A

Configuration

Waveguide Size	WR-42
Flange	UG-595/U Square Cover
RF Connector	2.92mm Male
Impedance	50 Ohms
Body Geometry	Right Angle

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	18		26.5	GHz
VSWR			1.4:1	

Mechanical Specifications

Size

Length	1.24 in [31.5 mm]
Width	0.88 in [22.35 mm]
Height	0.88 in [22.35 mm]
Weight	0.05 lbs [22.68 g]

RF Connector

Connector Type	2.92mm Male
Body Material and Plating	Passivated Stainless Steel
Torque	8 in-lbs [0.9 Nm]

Waveguide Interface

Waveguide Type	WR-42
Flange Type	Square Cover
Flange Designation	UG-595/U
Body Material and Plating	Aluminum

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

- Values at +25 °C, sea level unless stated otherwise

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: WR-42 UG-595/U Square Cover Flange to 2.92mm Male Waveguide to Coax Adapter Operating From 18 GHz to 26.5 GHz PE9813A

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WR-42 UG-595/U Square Cover Flange to 2.92mm Male Waveguide to Coax Adapter Operating From 18 GHz to 26.5 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: https://www.pasternack.com/wr-42-ug595-square-2.92mm-male-waveguide-coax-adapter-pe9813a-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.

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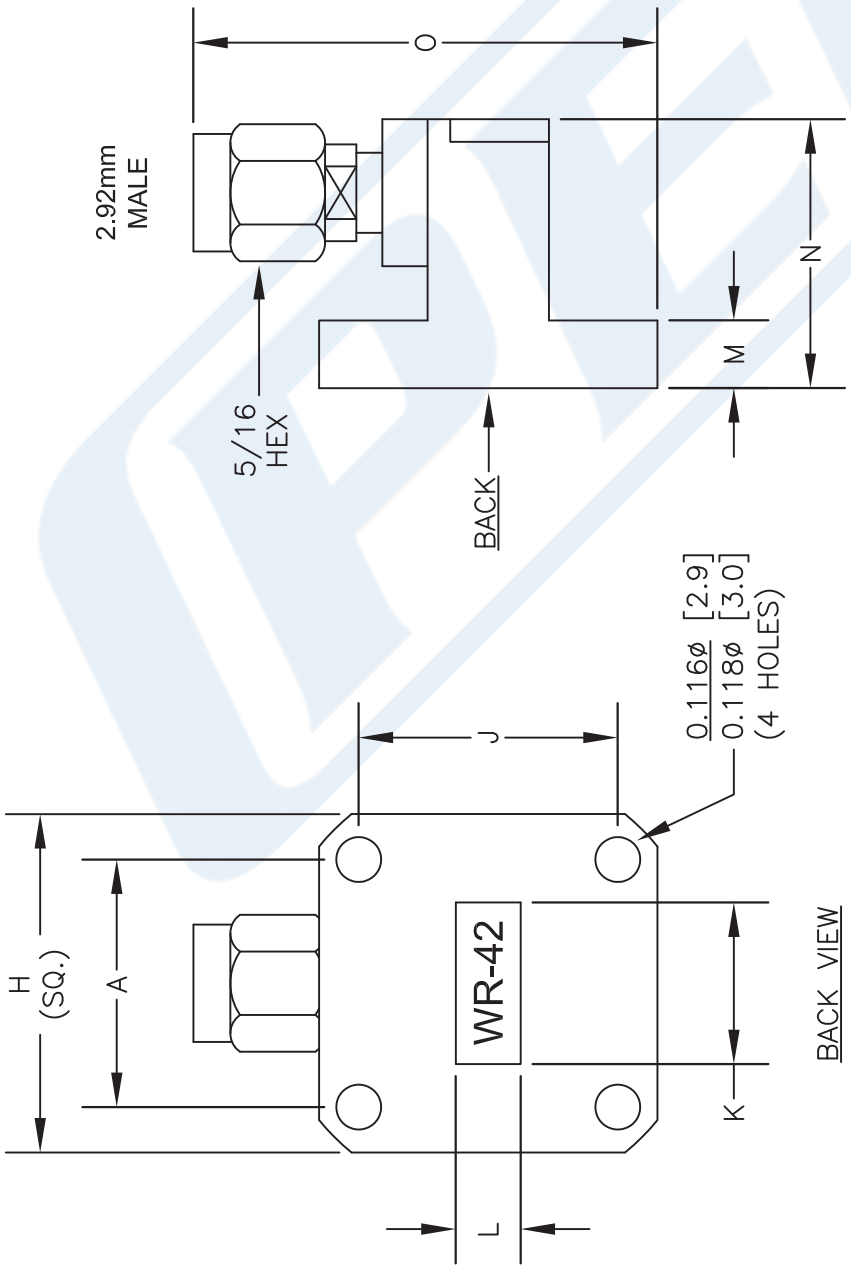
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PE9813A CAD Drawing

WR-42 UG-595/U Square Cover Flange to 2.92mm Male Waveguide
to Coax Adapter Operating From 18 GHz to 26.5 GHz

WR42		
Dimension	Inches	mm
A	0.640	16.26
H	0.875	22.23
J	0.670	17.02
K (± 0.002)	0.420	10.67
L (± 0.002)	0.170	4.32

M	0.175	4.45
N	0.695	17.65
O	1.200	30.48



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 **PE9813A**

CAD FILE 050817 | SCALE N/A | SIZE A | 2233

CAGE CODE 53919

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