



WR-340 UDR26 Flange to N Female Waveguide to Coax Adapter Operating from 2.17 GHz to 3.3 GHz

Waveguide to Coax Adapters Technical Data Sheet

PEWCA1077

Features

- S band
- 2.17 to 3.3 GHz Frequency Range
- WR-340 Waveguide Interface
- UDR26 Flange
- N Female RF Interface
- Comprehensive waveguide offerings also include E-Bends, H-Bends, Sections, Filters, Terminations, Couplers, and more.

Description

The PEWCA1077 is a waveguide to coaxial adapter operating in the S Band with a 2.17 to 3.3 GHz frequency range. This adapter offers a WR-340 waveguide interface size coupled with a precision tolerance UDR26 flange. The PEWCA1077 is constructed of aluminum and painted to ensure durability. The coaxial connector offered by this adapter uses a N Female connector.

Configuration

Waveguide Size	WR-340
Flange	UDR26
RF Connector	N Female
Impedance	50 Ohms
Body Geometry	Right Angle

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2.17		3.3	GHz
VSWR			1.25:1	
Insertion Loss			0.2	dB
Input Power (CW)			100	Watts

Mechanical Specifications

Size	
Length	3.35 in [85.09 mm]
Width	5.43 in [137.92 mm]
Height	3.75 in [95.25 mm]

RF Connector

Connector Type	N Female
Body Material and Plating	Aluminum

Waveguide Interface

Waveguide Type	WR-340
Flange Type	UDR26

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-340 UDR26 Flange to N Female Waveguide to Coax Adapter Operating from 2.17 GHz to 3.3 GHz PEWCA1077](#)



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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

WR-340 UDR26 Flange to N Female Waveguide to Coax Adapter Operating from 2.17 GHz to 3.3 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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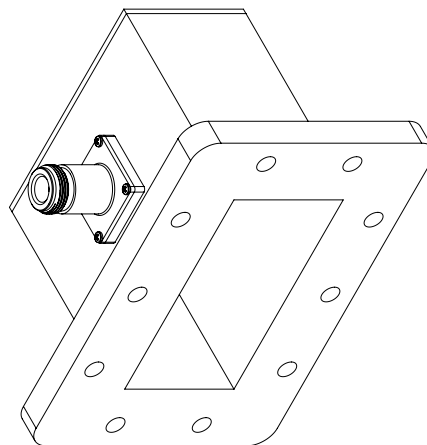
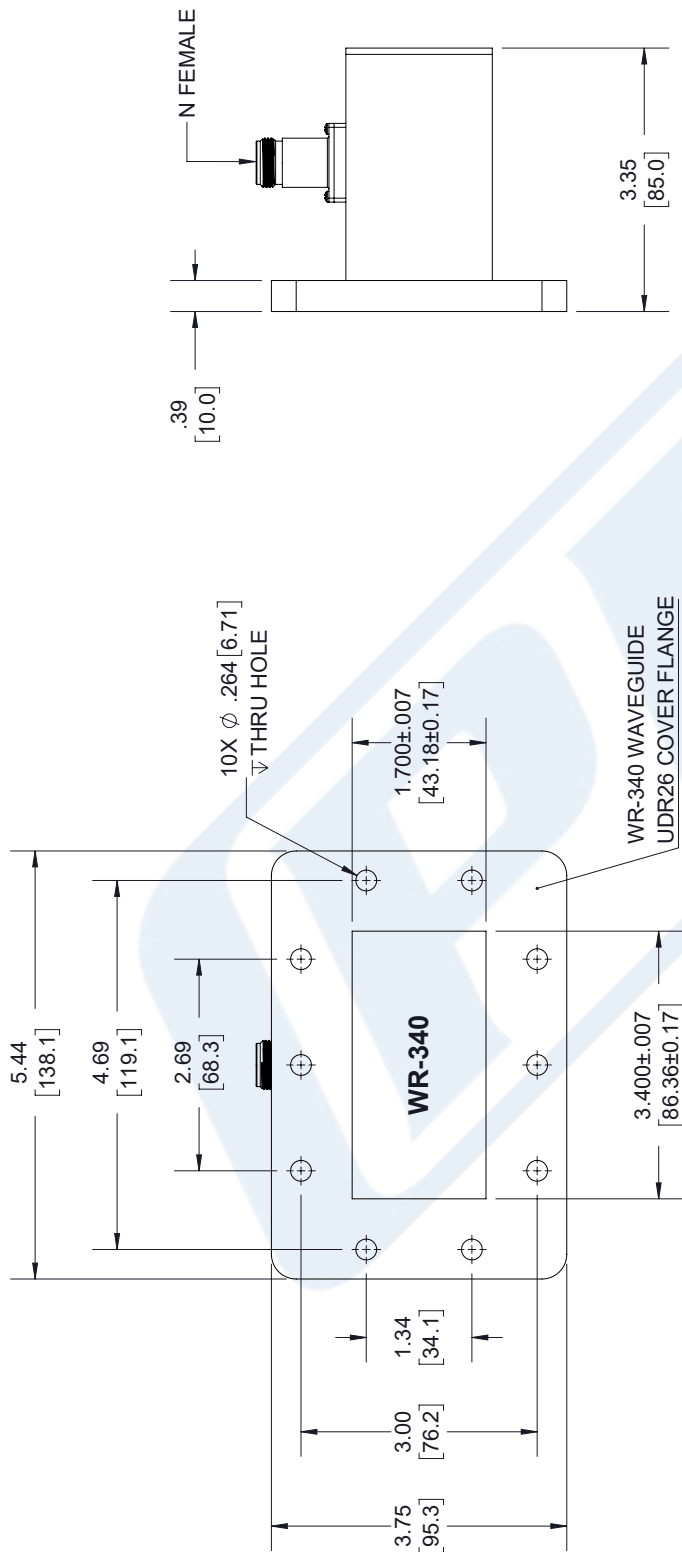
URL: <https://www.pasternack.com/wr340-udr26-flange-to-type-n-female-waveguide-coax-adapter-3.3-ghz-pewca1077-p.aspx>

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PEWCA1077 CAD Drawing

WR-340 UDR26 Flange to N Female Waveguide to Coax
Adapter Operating from 2.17 GHz to 3.3 GHz

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	5/1/2020	S. PONG



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08] FRACTIONS
.XX = ±.02 [.51] ± 1/32
.XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0

12 [305] < L ≤ 60 [1524] = +2 [51] / -0

60 [1524] < L ≤ 120 [3048] = +4 [102] / -0

120 [3048] < L ≤ 300 [7620] = +6 [152] / -0

300 [7620] < L = +5% / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.



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SHEET 1 OF 1

SCALE N/A

REV A



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SIZE A CAGE CODE 53919 DRAWN BY K.DANG ITEM NO. PEWCA1077

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