

# 410 Series

Waveguide to Coax Transitions



## Description

Mi-Wave's 410 Series Waveguide to Coax Transitions allow an efficient method of adapting from rectangular waveguide to a coaxial connector. Full waveguide bands available from 12.4 to 110 GHz.

- *Low Cost Versions Available*
- *Frequency Ranges 12.4 to 110 GHz*
- *Wide Variety of Coax Connectors Available*
- *High Performance Versions for Laboratory Use.*

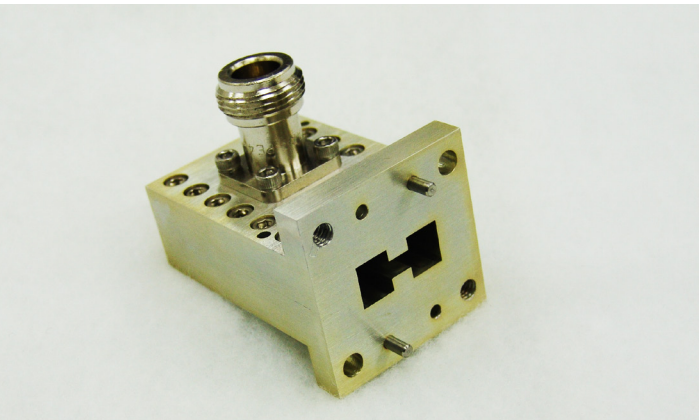
Low insertion losses and VSWR's are typical for these adapters. Low cost production versions are available for equipment used and OEM's. Laboratory grades are also offered on some models.

## Applications

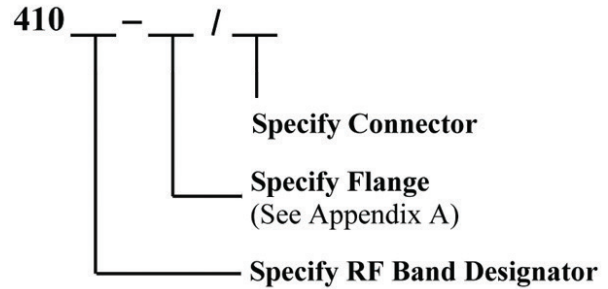
Test Equipment  
Power Measurement  
Broadband Systems



## Double-ridged Adapters Available



## Ordering Information



### PLEASE NOTE:

Lower frequency versions are available from 6.0 GHz and up.

## Technical Specifications (typical)

Model No.	410KU	410K	410(WR-34)	410A	410B	410U	410V	410E	410W
Frequency Band (GHz)	12.4–18.0	18.0–26.5	22.0–33.0	26.5–40.0	33.0–50.0	40.0–60.0	50.0–75.0	60.0–90.0	75–110.0
Waveguide	WR-62	WR-42	WR-34	WR-28	WR-22	WR-19	WR-15	WR-12	WR-10
Flange	UG-419/U	UG-595/U	UG-595/UM	UG-599/U	UG-599/UM	UG-383/UM	UG-385/U	UG-387/U	UG-387/U
Standard Connectors	N, SMA	2.92–2.4	2.92–2.4	2.92, 2.4	2.92, 2.4	2.92, 2.4	1.85, 1.0	1.0	1.0
Available	2.92, 2.4				1.85	1.85, 1.0			
Insertion (Loss) (dB) (typ)	.3	.3	.3	.4	.5	.5	.5	1.0	1.0
VSWR (typical)	1.3:1	1.3:1	1.3:1	1.3:1	1.3:1	1.3:1	1.3:1	<1.7:1	<1.7:1

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