



Description

Mi-Wave's 411 Series Waveguide to Coax Transitions allow an efficient method of adapting from rectangular waveguide to a in-line coaxial connector. Full waveguide bands available from 12.4 to 110 GHz.

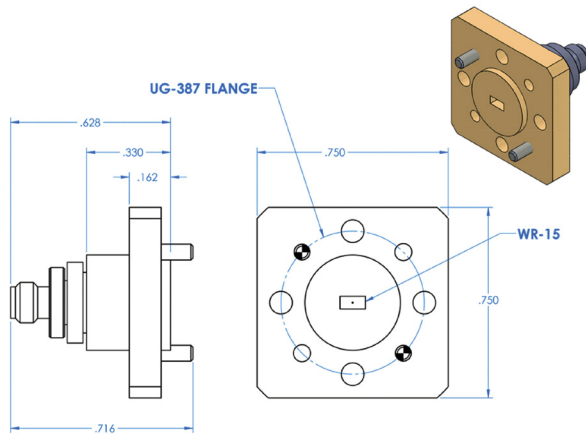
Our new design and manufacturing process allows for Low insertion losses and VSWR's for these adapters. Low cost production versions are available for equipment used and OEM's. Laboratory grades are also offered on some models.

- *Low Cost Versions Available*
- *Frequency Ranges 12.4 to 110 GHz*
- *1mm Connector*
- *Full Band Units*
- *Compact Size*
- *High Performance Lab Versions*

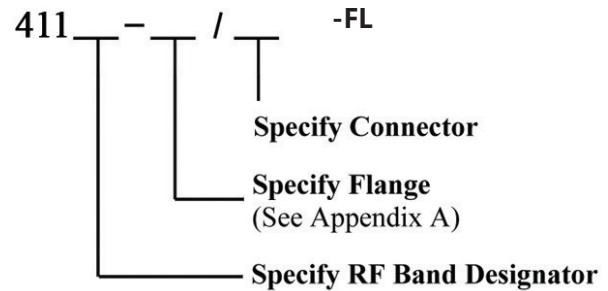
Applications

Test Equipment
Power Measurement

1mm Connectors for WR-15, WR-12, WR-10



Ordering Information



Technical Specifications (typical)

Model No.	411KU	411K	411(WR-34)	411A	411B	411U	411V	411E	411W
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	95–110.0
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	2.0	1.85, 1.0	2.0	1.85, 1.0	1.85, 1.0	1.0	1.0	1.0
Insertion (Loss) (dB) (typ)	.3	.3	.3	.4	.7	.7	.7	1.0	1.0
VSWR (typical)	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	<1.5:1	<1.5:1

411 Test Data

