

Type-N Waveguide To Coaxial Right Angle Adapters

WG Size	Freq. (GHz)	** I.L. (Max)	VSWR	*Standard Models			High Power Models			*** Outline
				Power:	CW	Peak (kW)	Power:	CW	Peak (kW)	
WR975	0.75-1.12	0.09	1.25	975-253A-2	200	3	975-253HPA-2	500	5	Dwg
WR650	1.12-1.70	0.10	1.25	650-253A-2	200	3	650-253HPA-2	500	5	Dwg
WR510	1.45-2.20	0.11	1.25	510-253A-2	200	3	510-253HPA-2	500	5	Dwg
WR430	1.70-2.60	0.12	1.25	430-253A-2	200	3	430-253HPA-2	500	5	Dwg
WR340	2.20-3.30	0.12	1.25	340-253A-2	200	3	340-253HPA-2	500	5	Dwg
WR284	2.60-3.95	.013	1.25	284-253A-6	200	3	284-253HPA-6	500	5	Dwg
WR229	3.30-4.90	0.14	1.25	229-253B-2	200	3	229-253HPB-2	500	5	Dwg
WR187	3.95-5.85	0.15	1.25	187-253A-6	200	3	187-253HPA-6	500	5	Dwg
WR159	4.90-7.05	0.16	1.25	159-253B-2	200	3	159-253HPB-2	500	5	Dwg
WR137	5.85-8.20	0.17	1.25	137-253B-2	200	3	137-253HPB-2	350	5	Dwg
WR112	7.05-10.0	0.18	1.25	112-253B-6	200	3	112-253HPB-6	350	5	Dwg
WR102	7.00-11.0	0.19	1.25	102-253A-6	200	3	102-253HPA-6	300	5	Dwg
WR90	8.20-12.4	0.21	1.25	90-253A-6	150	2	90-253HPA-6	300	5	Dwg
WR75	10.0-15.0	0.23	1.25	75-253A-6	150	2	75-253HPA-6	250	5	Dwg
WR62	12.4-18.0	0.25	1.25	62-253A-6	150	2	62-253HPA-6	250	5	Dwg

Ordering Information Type-N Waveguide To Coax Right Angle Adapter

WR - M - F

Example part number: 90 -253 A -6

Waveguide Size:
(WR)
WR28 thru WR975
available

Basic Model No.: (-Mod)
-253

High Power Model No.:
(-ModHP) -253HP

Material (M): A=Aluminum,
B=Copper/Brass

Flange 1 (-F1): 1=CPRG,
2=CPRF, 6=Cover,
7=Choke

See [ATM Standard Flange](#) page
for more info.

*The Standard Model Numbers above are the most common parts ordered for size, material and flange. However, these models can easily be altered for your needs by using the Model # code system at left.

**Theoretical Insertion Loss for WG to coax adapter is difficult to measure due to the very low loss and setup. The max I.L. figure quoted is based on the theoretical losses due to connector, waveguide and reflection all taken at the highest Freq. and max value.

***Outline drawings are of listed model numbers. Other flange types may affect size of the components. Contact factory for optional flanges and dimensions.

