

Waveguide to Coax Adapters

SMA Standard Adapters

Microwave Development Laboratories' miniature waveguide to coaxial adapters cover frequency ranges 2.6-40.0 GHz. VSWR 1.25 MAX with some typically 1.14 VSWR.

Double Ridge Adapter

VSWR 1.3 MAX

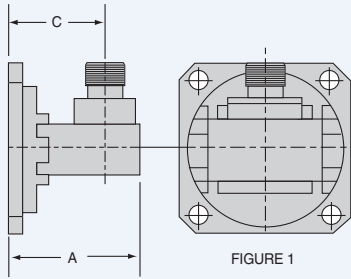


FIGURE 1
Female

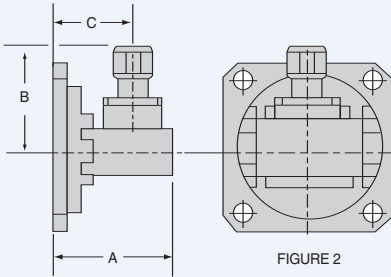


FIGURE 2
Male

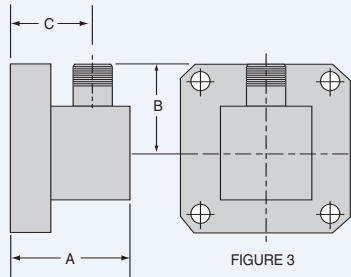


FIGURE 3
Female

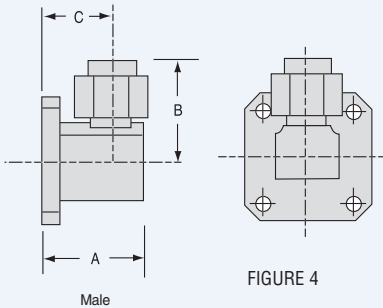


FIGURE 4
Male

FREQ. RANGE GC/SEC.	MDL MODEL NUMBER	FIG.	VSWR MAX.	DIMENSIONS		
				"A" MAX.	"B" MAX.	"C" + .020
33.0-50.0	22AC206	3	1.50	0.68	0.50	0.50
26.50-40.00	28AC206	3	1.30	0.52	0.52	0.35 ¹
	28AC216	4	1.35	0.52	0.63	0.35 ¹
	28AC226	4	1.35	0.52	0.63	0.35 ³
22.00-33.00	34AC206	3	1.25	0.62	0.54	0.40 ¹
	34AC216	4	1.25	0.62	0.63	0.40 ¹
18.00-26.50	42AC206	3	1.25	0.62	0.42	0.40
	42AC216	3	1.15	0.62	0.54	0.40 ¹
	42AC226	3	1.15	0.62	0.57	0.40
	42AC236	4	0.62	0.65	0.40 ²	
15.00-22.00	51AC206	4	0.67	0.59	0.43	
12.40-18.00	62AC86	1	1.08	0.73	0.81	
	62AC96	2	1.08	0.85	0.81	
	62AC206	3	0.79	0.62	0.50	
	75AC86	1	1.20	0.77	0.82	
	75AC96	2	1.20	0.89	0.55	
10.00-15.00	75AC206	4	0.90	0.68	0.55	
	75AC216	4	0.90	0.68	0.55	
8.20-12.40	90AC86	1	1.15	0.68	0.82	
	90AC96	2	1.15	0.91	0.82	
	90AC206	3	1.02	0.69	0.62	
7.00-11.00	102AC86	1	1.40	0.85	0.95	
	102AC96	2	1.40	0.97	0.95	
7.05-10.00	112AC86	1	1.40	0.85	0.93	
	112AC96	2	1.40	0.97	0.93	
5.85-8.20	137AC86+	1	1.52	0.91	1.02	
	137AC96+	2	1.52	1.03	1.02	
4.90-7.05	159AC86	1	1.65	0.99	0.99	
	159AC96	2	1.65	1.12	0.99	
3.95-5.85	187AC86+	1	1.77	1.03	0.99	
	187AC96+	2	1.77	1.16	0.99	
3.30-4.90	229AC86	1	2.70	1.17	1.41	
	229AC96+	2	2.70	1.29	1.41	
2.60-3.95	284AC86	4	2.65	1.49	1.62	
	284AC96+	2	2.65	1.36	1.62	

Double Ridged Adapter

7.50-18.0	750AC86	1	1.08	0.73	0.81
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Notes:

¹ 2.9 mm connector

² 3.5 mm connector

+ Flanges are round, not square as shown.

1. "206" Models are one piece construction with mechanically captivated connectors. Material Aluminum cover flanges only.