

C1000 Waveguide to Coaxial Adaptors Series

Adaptors are used to change from one transmission line to another, from coaxial to waveguide or vice versa. Our adaptors employ a dielectric loaded probe which combined with the position of the short circuit behind the probe guarantees good broadband performance over the whole waveguide band. Exceptional VSWR is achieved when the adaptors are optimized to 10% of the waveguide band. When this is the case, VSWR can be as good as 1.06:1. **Canteq's**

waveguide to coaxial adaptors are available in type "N" and SMA" connectors, from WR284 to WR62 waveguide.



TYPE "N" CONNECTOR				
Model No N Female	Model No N Male	W/G (WR)	Freq. Range (GHz)	VSWR
C1002-1	C1031-1	284	2.60-3.95	1.15
C1002-2	C1031-2	229	3.30-4.90	1.10
C1003-2	C1032-2	229	3.625-4.20	1.10
C1002-3	C1031-3	187	3.95-5.85	1.20
C1002-4	C1031-4	159	4.90-7.05	1.15
C1004-4	C1033-4	159	5.85-6.425	1.10
C1002-5	C1031-5	137	5.85-8.20	1.15
C1005-5	C1034-5	137	5.85-6.425	1.10
C1006-5	C1035-5	137	7.25-7.75	1.10
C1002-6	C1031-6	112	7.05-10.00	1.20
C1007-6	C1036-6	112	7.90-8.40	1.15
C1002-7	C1031-7	90	8.20-12.40	1.20
C1008-7	C1037-7	90	10.70-11.70	1.15
C1002-8	C1031-8	75	10.00-15.00	1.20
C1009-8	C1038-8	75	11.70-14.50	1.18
C1002-9	C1031-9	62	12.40-18.00	1.20

TYPE "SMA" CONNECTOR				
Model No Female	Model No SMA Male	W/G (WR)	Freq. Range (GHz)	VSWR
C1061-1	C1091-1	284	2.60-3.95	1.20
C1061-2	C1091-2	229	3.30-4.90	1.15
C1062-2	C1092-2	229	3.625-4.20	1.10
C1061-3	C1091-3	187	3.95-5.85	1.20
C1061-4	C1091-4	159	4.90-7.05	1.15
C1063-4	C1093-4	159	5.85-6.425	1.10
C1061-5	C1091-5	137	5.85-8.20	1.15
C1064-5	C1094-5	137	5.85-6.425	1.10
C1061-6	C1091-6	112	7.05-10.00	1.20
C1065-6	C1095-6	112	7.90-8.40	1.15
C1061-7	C1091-7	90	8.20-12.40	1.20
C1061-8	C1091-8	75	10.00-15.00	1.20
C1066-8	C1096-8	75	10.70-14.50	1.15
C1061-9	C1091-9	62	12.40-18.00	1.25
C1067-9	C1097-9	62	17.30-18.10	1.10
C1061-11	C1091-11	42	18.00-26.5	1.35
C1110 *		34	29.25-30.00	1.20
C1111 *		28	29.25-30.00	1.20

How to order the right part:
 Specify the model number according to the required frequency and waveguide size. Select the flange from the Flange Code

Example

Model No	Flange
C1064-5	2

Thus **Canteq** Model No **C1064-5-2** is:

a WR137 to SMA Female Adaptor, with an operating frequency of 5.85 to 6.425 GHz, with a CPR-F Flange.

FLANGE CODE	Code	Flange (Material: Brass)
	1	CPR-G
	2	CPR-F
	3	CMR Standard 4clear/4tapped holes
	4	CMR 8 clear holes
	5	CMR 8 tapped holes
	6	UG Cover
	7	UG Groove
	8	Special: "Specify"
	9	PDR
	10	UDR

*Supplied with "K" Connector New!