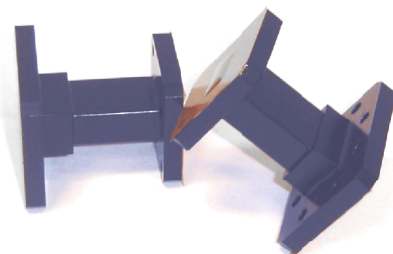




**Waveguide to Waveguide Step Adaptors Series**

Waveguide to waveguide Adaptors are many times needed to be able to use two different waveguide sizes over a common specific frequency band. **Canteq offers a full line of STEP ADAPTORS** to achieve the transformation of one waveguide into another.

The great advantages of Step Adaptors are low VSWR, they can be made in very short lengths and they are very cost effective



WAVEGUIDE TO WAVEGUIDE STEP ADAPTORS				
Model No	Waveguide Size (WR)	Freq. Range (GHz)	Length (inches)	VSWR (Max.)
C1134	WR159 - WR137	5.85 - 6.43	4.00	1.050
C1135	WR159 - WR137	5.85 - 7.05	4.00	1.050
C1136	WR137 - WR112	7.05 - 8.20	2.75	1.050
C1137	WR112 - WR90	8.20 - 10.00	2.50	1.050
C1138	WR90 - WR75	10.00 - 12.40	2.00	1.050
C1139	WR75 - WR62	12.40 - 15.00	2.00	1.060
C1140	WR62 - WR51	15.00 - 18.00	1.25	1.060
C1141	WR34 - WR28	29.00 - 31.00	1.00	1.070

**How to order the right part:**

Specify the model number according to the two waveguide sizes that you wish to adapt. Select the flange from the Flange Code (see section 01-1 page 1)

**Example** Canteq Model No C1134-2-2 is:

Model No	Flange
C1134	2-2

with CPR-F Flanges at both ends.

a WR159 to WR137 Step Adaptor, with an operating frequency of 5.85 to 6.430 GHz,

**Waveguide Flange Adaptors Series**

Straight waveguide flange adaptors are used to change to different flange configurations within a system or a subsystem. European flange standards are available on request.



**How to order the right part:**

Specify the model number according to the waveguide size and the two flanges required at each end of your waveguide Adaptor.

**Example**

Canteq Model No C1160-2-3 is:

Model No	Flange
C1160-5	2-3

a WR137 straight piece of waveguide, with a CPR-F Flange at one end and a CMR flange at the other end.

WAVEGUIDE FLANGE ADAPTORS				
Model No Straight	Waveguide (WR)	Flange From	type To	Standard Length
C1160-1-2-3	284	CPRF	CMR	3.00"
C1160-1-6-2	284	Cover	CPRF	3.00"
C1160-2-2-3	229	CPRF	CMR	3.00"
C1160-3-2-3	187	CPRF	CMR	3.00"
C1160-3-6-2	187	Cover	CPRF	3.00"
C1160-4-2-3	159	CPRF	CMR	3.00"
C1160-5-2-3	137	CPRF	CMR	3.00"
C1160-5-6-2	137	Cover	CPRF	3.00"
C1160-6-2-3	112	CPRF	CMR	2.00"
C1160-6-6-2	112	Cover	CPRF	2.00"
C1160-7-2-3	90	CPRF	CMR	2.00"
C1160-7-6-2	90	Cover	CPRF	2.00"
C1160-8-6-2	75	Cover	CPRF	2.00"
C1160-8-7-2	75	Choke	CPRF	2.00"